

TOWN OF BOXBOROUGH
OPEN SPACE AND RECREATION PLAN
2015 - 2022



ACKNOWLEDGEMENTS

This plan was prepared for the Town of Boxborough by the Metropolitan Area Planning Council (MAPC). It was funded by the Town of Boxborough.

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July, 2015

¹ Elizabeth Hughes left the Town of Boxborough in May, 2014 and was succeeded by Adam Duchesneau.

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SECTION I – PLAN SUMMARY

A. STATEMENT OF PURPOSE

The purpose of the 2015-2022 Open Space and Recreation Plan is to provide the Town of Boxborough with a blueprint for ensuring that current and future residents have ample opportunities for recreation and access to open space. Open space is important for protecting water, soil, and air quality. Residents also value the rural qualities of the town and seek to preserve its history, scenic landscapes, and wildlife habitats. This plan also intends to retain the character of Boxborough by establishing a diverse system of interconnected open space areas and to provide quality recreation programs for all residents to enjoy.

B. OPEN SPACE AND RECREATION GOALS AND OBJECTIVES

The Town of Boxborough has developed eight goals on which the Open Space and Recreation Plan is based.

1. To protect and/or acquire additional lands for conservation, water resource protection, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.
2. To protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.
3. To enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.
4. To inform the public and Town boards and commissions about environmental and conservation issues including the impacts of human activity and the financial benefits of protecting natural resources.
5. To preserve farmland and areas with soils favorable for agriculture and to encourage agricultural land uses.
6. To encourage citizen participation in open space and recreation planning.
7. To coordinate open space planning efforts with neighboring communities to create a regional open space and trail network.
8. To pursue regional approaches, where possible, to achieving the goals of this Open Space and Recreation Plan.

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SECTION II – INTRODUCTION

A. STATEMENT OF PURPOSE

The Open Space and Recreation Plan is a comprehensive planning document that assesses the adequacy of existing open lands and recreation facilities, determines where and what types of land and facilities are needed, and establishes an action plan for land acquisition, land management, and recreation programming to guide Town agencies for the next seven years.

The purpose of the 2015-2022 Open Space and Recreation Plan is to provide the Town of Boxborough with a blueprint for ensuring that current and future residents have ample opportunities for recreation and access to open space. Open space is important for protecting water, soil, and air quality. Residents also value the rural qualities of the town and seek to preserve its history, scenic landscapes and wildlife habitats. This plan also intends to retain the character of Boxborough by establishing a diverse system of interconnected open space areas and to provide quality recreation programs for all residents to enjoy.

B. ENVIRONMENTAL JUSTICE AND EQUITY

Since 2002, the Executive Office of Energy and Environmental Affairs (EOEEA) has been implementing an Environmental Justice Policy to help ensure that all Massachusetts residents experience equal protection and meaningful involvement with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies, and the equitable distribution of environmental benefits. This policy was instituted recognizing that communities across the Commonwealth, particularly those densely populated urban neighborhoods in and around the state's older industrial areas, are facing many environmental challenges associated with Massachusetts' industrial legacy. Residents in these predominantly low-income and minority communities – nearly 29% of the state population – lack open space and recreational resources and often live side-by-side numerous existing large and small sources of pollution and old abandoned, contaminated sites, which can pose risks to public health and the environment.

Critical to advancing Environmental Justice (EJ) in the Commonwealth is the equitable distribution of environmental assets such as parks, open space, and recreation. Toward this end, and where applicable, municipalities shall identify and prioritize open space sites in their Open Space and Recreation Plans that are socially, recreationally, and ecologically important to EJ populations within the community. Although there are no identified environmental justice populations in Boxborough, the plan addresses these concerns as per the State's guidelines.

C. PLANNING PROCESS AND PUBLIC PARTICIPATION

The Metropolitan Area Planning Council (MAPC) prepared this plan under the direction of the Boxborough Conservation Commission and the Town Planner. The project was funded by the Town of Boxborough Conservation Trust Fund. MAPC held a series of meetings with various Town departments, conducted two public meetings, and administered an on-line survey. The public meetings were noticed via advertisements in the local newspaper (The Beacon) and through postings in Town Hall and on the Town website. Notifications about the on-line survey were handled via emails to Town boards, committees, and commissions, flyers mailed out with the quarterly tax bills, postings on the Town website, and by running advertisements in The Beacon. In

addition, the Town Planner attended a number of Town board and commission meetings to receive input on the Plan. All meetings are listed in Table 1 below.

Table 1 Meetings	
Person/Organization	Date
Conservation Commission	July 17, 2013
Conservation Commission	October 23, 2013
Conservation Commission, Planning Board, and Agricultural Commission	May 7, 2014
Conservation Commission	August 20, 2014
Conservation Commission	September 3, 2014
Agricultural Commission	September 9, 2014
Conservation Commission	September 17, 2014
Planning Board	September 22, 2014
Board of Health	September 24, 2014
Agricultural Commission	October 14, 2014
Conservation Commission	October 15, 2014
Board of Health	October 15, 2014
Agricultural Commission	November 18, 2014
Board of Health	December 3, 2014
Planning Board	April 6, 2015
Recreation Commission	April 14, 2015
Agricultural Commission	April 14, 2015
Conservation Commission	April 15, 2015
Board of Health	April 15, 2015
Agricultural Commission	April 23, 2015
Planning Board	April 27, 2015
Board of Selectmen	April 27, 2015

Enhanced Outreach and Public Participation

The State considers a community to be an environmental justice community if it meets one or more of the following criteria:

- 25% of the households earn 65% or less of the statewide household median income;
- 25% or more of the residents are minority;
- 25% or more of the residents are foreign-born; or
- 25% or more of the residents are lacking English language proficiency.

This is based on the 2010 Census block data. Boxborough does not meet any of these criteria and therefore, there was no outreach targeted to any particular populations.

SECTION III – COMMUNITY SETTING

A. REGIONAL CONTEXT

Overview of Regional Context

Boxborough is located in Middlesex County, approximately 25 miles northwest of Boston (see Map 1 on page 6). The town contains 10.4 square miles and is abutted by Littleton to the north, Acton to the east, Stow to the south, and Harvard to the west. Interstate 495 runs through the western section of town and Route 2 crosses the northeast corner of town. Route 111 bisects the town, connecting Boxborough to Harvard to the west and Acton to the east. Boxborough is within commuting distance of Boston, Lowell, Lawrence, Leominster, Fitchburg, Worcester, Framingham, and Nashua. Because of its proximity to population and employment centers, its rural atmosphere, and the reputation of its schools, Boxborough continues to be an attractive place to live and to conduct business.

Boxborough is categorized by MAPC as a Country Suburb. These communities have very low housing density, with no significant mixed-use town center and no compact neighborhoods. They have large amounts of vacant developable land, and new growth largely takes the form of conventional low-density subdivisions developed on vacant land, or auto-oriented office and industrial parks. They are generally growing rapidly in percentage terms.

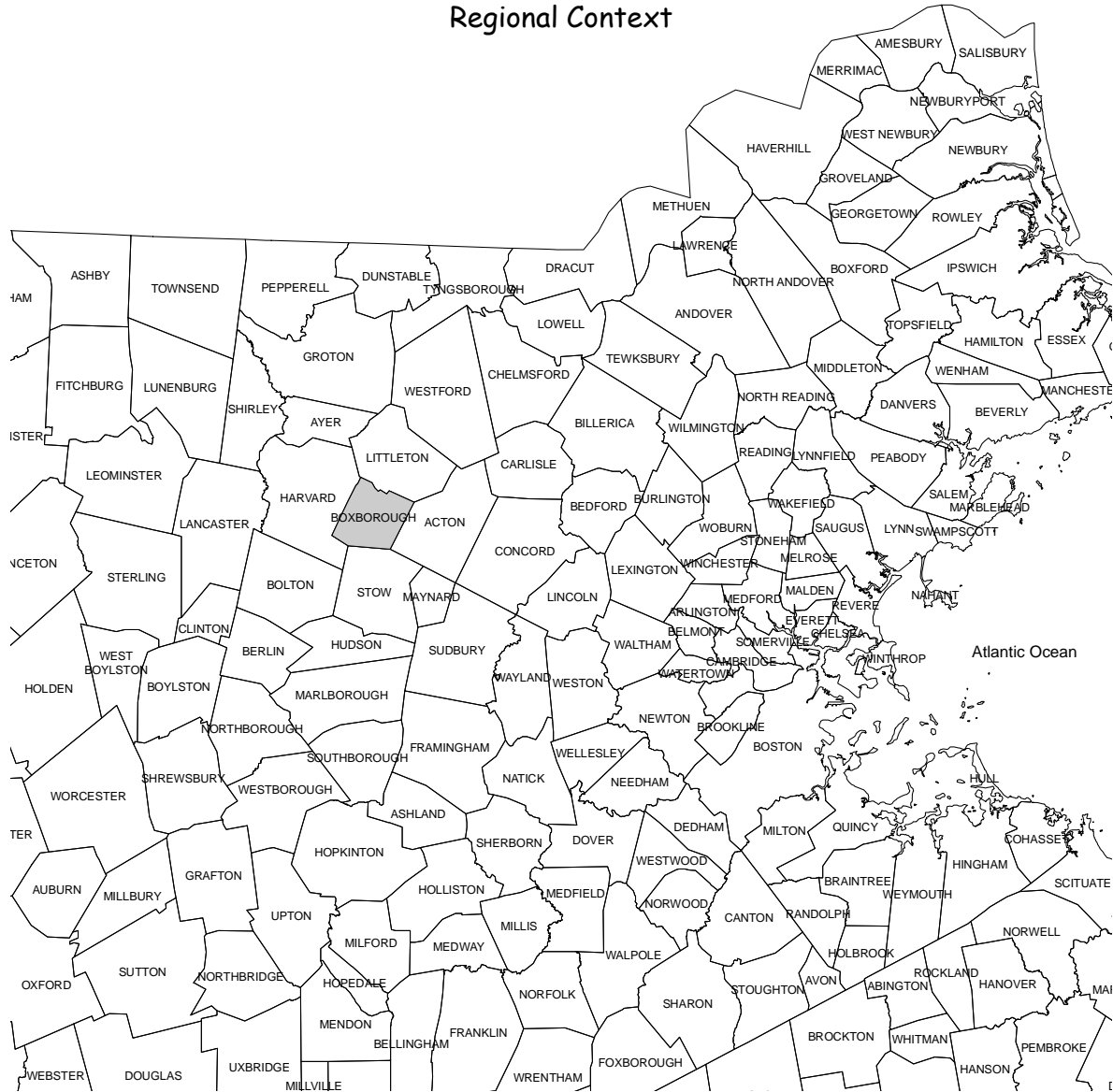
Regional Planning Context

Metropolitan Area Planning Council (MAPC) – Boxborough is one of 101 municipalities that are served by MAPC. Created by an act of the Legislature in 1963, MAPC serves as a forum for state and local officials to address issues of regional importance. Council membership consists of community representatives, gubernatorial appointees, and city and state agencies that collaborate in the development of comprehensive plans and recommendations in areas of population and employment, transportation, economic development, regional growth, and the environment. The Council's professional planners, GIS specialists, demographers, and others, also provide technical assistance to its member communities.

The Minuteman Advisory Group on Interlocal Coordination (MAGIC) – Boxborough is a member of MAGIC, one of eight subregions within the Metropolitan Area Planning Council. MAGIC is a group of thirteen communities (Acton, Bedford, Bolton, Boxborough, Carlisle, Concord, Hudson, Lexington, Lincoln, Littleton, Maynard, Stow, and Sudbury) that meet regularly to discuss issues of common interest. MAGIC is an excellent forum for discussing regional open space issues and opportunities.

MetroFuture – MetroFuture is the official regional plan for Greater Boston, adopted consistent with the requirements of Massachusetts General Law. The plan includes goals and objectives as well as thirteen detailed implementation strategies for accomplishing these goals. The plan's relevant goals include the protection of 139,000 acres of developable land identified as a high priority by the State Land Conservation Plan. The plan also envisions at least 1,800 acres of new urban parks and community gardens. The implementation strategies can be viewed by visiting the web site at www.metrofuture.org.

Map 1 Regional Context



The Town of Boxborough is located approximately 25 miles northwest of Boston.

December 2014
Data Sources:
Boxborough Planning Department
MassGIS



Regional Open Space Resources

There are a number of significant regional open space resources in and around Boxborough. One of Acton's municipal drinking water wells is located near the Boxborough town line and the Town of Littleton has a municipal drinking water supply located near Boxborough's northern boundary. Both Acton and Littleton have portions of the Zone IIs of their public wells that extend into Boxborough. All Boxborough brooks drain via intermediaries into the Merrimack River; therefore Boxborough's watershed address is the Merrimack River Basin. Boxborough is also within the Sudbury Assabet, and Concord Rivers (SuAsCo) Watershed.

The Flagg Hill conservation land preserves 286 acres of land in Boxborough and Stow. The Conservation Commissions of Boxborough and Stow jointly maintain the Flagg Hill Conservation Area. The Flagg Hill land has a network of trails connecting Stow and Boxborough. The Sudbury Valley Trustees have prepared a Flagg Hill information pamphlet describing the land and its unique features.

There are several other opportunities for creating inter-town trails and contiguous open space. There are two parcels of conservation land in Acton on the Boxborough town line. One parcel has been connected to the Guggins Brook wetland parcel as it was acquired through a tax title taking of the land. There is also the possibility of linking conservation land along Fort Pond Brook. The Delaney Project, located in Harvard and Stow, abuts Boxborough along its southern boundary. Access to the Delaney Project from Boxborough could be provided. The Town of Harvard has conservation land along the western boundary of Boxborough and there is potential of linking this conservation land with the proposed open space in the Cisco development expansion project located in the Beaver Brook Valley. The Division of Fisheries and Wildlife has acquired a parcel of land that straddles the Boxborough and Littleton town line.

Regional Planning and Open Space Initiatives

Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory – This study was completed in June 2006 and was prepared for the Massachusetts Department of Conservation and Recreation in cooperation with the Freedom's Way Heritage Association as part of the Heritage Landscape Inventory program. For more information on this program please visit the website at www.mass.gov/eea/agencies/dcr/conservation/cultural-resources/heritage-landscape-inventory-reconnaissance-reports.html. The Boxborough report can be found at www.mass.gov/eea/docs/dcr/stewardship/histland/recon-reports/boxborough-with-map.pdf.

495/MetroWest Development Compact Plan – The 495/MetroWest Development Compact was a regional-level planning process that: 1) established community-based priorities and strategies along the I-495 corridor; 2) integrated those priorities into regional and state development and preservation strategies; and 3) provided a direction for public investments. The planning process began with individual communities, including Boxborough, identifying areas where the towns wanted to grow (locally identified priority development areas) and areas that the towns wanted to preserve (locally identified priority preservation areas). These were then reviewed against regional and state-wide criteria to identify areas that were deemed to be of significance at the regional and state-wide level.

Boxborough identified ten priority development areas, four priority preservation areas, and one combined area. These are discussed later in this Plan. After the regional screening, one of the

preservation areas remained while the other three were determined to be primarily of local importance.

B. HISTORY OF THE COMMUNITY

Boxborough was characterized in 1873 as "...a small farming-town, somewhat hilly and of a passably good soil, lying on the westerly edge of Middlesex County" inhabited by "nearly all farmers, who earn their living...by the sweat of the face." This description was entirely fitting from the town's founding through the beginnings of suburbanization in the late 20th century.

Disliking the distance to church services or perhaps just seeking their own identity, a group of town founding families acquired Harvard's old meeting house and transported it to the hilltop intersection of Hill and Middle Roads. In 1775 they petitioned the Colonial legislature to become a separate entity and in 1783 Boxborough was incorporated as a district of about ten square miles, made up of parts of Stow, Harvard, and Littleton. By 1800 a small center village had grown up around the meetinghouse at the top of Hill Road, but at its incorporation as a town in 1835, Boxborough was still an agricultural community of dispersed farms raising grain and livestock.

With the exception of small local industries including gristmills, sawmills, and cooperages as well as some minor boot and shoemaking, comb-making, and a lime quarry and kiln, Boxborough's economy remained almost entirely agricultural through the 19th century. In 1806 the Union Turnpike was extended west from Concord (today's Massachusetts Avenue/Route 111), passing through Boxborough a short distance south of the center easing the local farmers' access to regional markets. The 1829 founding of the Evangelical Congregational Society and its erecting of a meeting house on the Union Turnpike marked the beginning of a shift of the town's center of activity from the old Hill Road Town Common. Growing of hops was a specialty on many Boxborough farms in the early 19th century, when the town had the reputation as the largest hop-growing town of its size in New England. In 1845 the Fitchburg Railroad came through the northeast corner of town with a flag stop at the Littleton border, further speeding the shipment of farm products such as butter and cheese, and setting the stage for agricultural specialization.

Even as late as 1860 the heart of the town was still dominated by an ancient oak wood of perhaps a thousand acres. It was visited in two well documented 1860 visits by Henry David Thoreau. Thoreau characterized Inches Woods as "just the most remarkable and memorable thing in Boxboro....The handsomest thing I saw in Boxboro was this noble stand of oak wood. I doubt if there is a finer one in Massachusetts." The woods were subsequently lumbered as part of the Civil War efforts and became crop and grazing lands. Dairying became increasingly important in the second half of the 19th century, with farmers shipping milk to regional markets in Worcester, Lowell, and Boston. After the Civil War many Boxborough farms also included large orchards of apples, pears, and peaches, and some farmers were doing a brisk business in grapes and berries. By 1900, poultry raising was another important specialty, lasting into the 1940s.

While orcharding, poultry farming, and some dairying continued into the 1970s, farming of all types declined throughout Boxborough after World War II. Commuting to jobs outside of Boxborough increased, spurred by regional highway construction including Interstate 495 which came through the west part of town in the early 1960s. Old farms were divided to make new house lots, and residential growth skyrocketed through the end of the 20th century, dramatically changing the character of the community. Suburbanization caused the population of the town to

double in the 1960s and to double again in the 1970s. Beginning in the 1960s a number of multi-family buildings, first as apartments and later as condos, were built, particularly to the west of I-495. The 1990s saw an increase in office park construction also mostly on the west side of I-495.

Increased awareness of development pressures coupled with the change in demographics led to a town focus on landscape conservation and the development of recreation resources. The Town began acquiring land for conservation and, notably, a private group secured preservation of the endangered Beaver Brook Esker, which remains under the management of the Boxborough Conservation Trust. Surveys of historical resources were performed resulting in the Boxborough Old Town Common and Steele Farm being placed on the National Register. Steele Farm, a municipal property, was also protected by a conservation/historical preservation restriction. Active recreation resources developed during this period include athletic fields at Flerra Meadows (a mixed use property) and at Liberty Fields.

C. POPULATION CHARACTERISTICS

Past and Present Population

Total Population – According to the 2010 Census, the population of Boxborough is 4,996. This represents an increase from the 2000 population of 4,868 people or a modest increase from 2000 of 2.6%. The 2014 Town Census shows a decrease of 42 people from the 2010 Census.

Table 2 Total Population	
Year	Population
1990	3,343 (U.S. Census)
2000	4,868 (U.S. Census)
2010	4,996 (U.S. Census)
2014	4,954 (Town Census)
Source: U.S. Census Bureau, Town Census (2014)	

Age Distribution – The median age in 2010 was 43.3, 28.4% of the population was under 18 years, and 8.3% was 65 years and older. Table 3 provides a more detailed breakdown by Age Group for the 2000 and 2010 Censuses.

Table 3 Age Distribution: 2000 and 2010				
Age Group	2000 Number	2000 Percentage	2010 Number	2010 Percentage
Under 5 years	358	7.35	208	4.16
5 to 9 years	470	9.65	312	6.24
10 to 14 years	464	9.53	446	8.93
15 to 19 years	257	5.28	453	9.07
20 to 24 years	184	3.78	212	4.24
25-34 years	528	10.85	379	7.59
35-44 years	1,144	23.50	638	12.77
45-54 years	858	17.63	1,206	24.14
55-59 years	233	4.79	430	8.61
60-64 years	142	2.92	291	5.82
65-74 years	148	3.04	255	5.10
75-84 years	66	1.36	124	2.48
85 years and over	16	0.33	42	0.84
Totals	4,868	100.00%	4,996	100.00%
Source: U.S. Census				

Household Composition – There were 1,984 households in Boxborough in 2010 and the average household size was 2.5 people. Families made up 64.7% of the households. Of these, 86.5% were married-couple families. Non-family households accounted for 35% of all households. Table 4 provides a more detailed breakdown of household characteristics as of 2010.

Table 4 Household Characteristics 2010	
Household Type	Number
Total households	1,984
Family households (families)	1,285
With own children under 18 years	728
Married-couple family	1,112
With own children under 18 years	599
Male householder, no wife present, family	46
With own children under 18 years	32
Female householder, no husband present, family	127
With own children under 18 years	97
Non-family households	699
Householder living alone	628
65 years and over	159
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Table 4	
Household Characteristics 2010	
Household Type	Number
Households with one or more people under 18 years	740
Households with one or more people 65 years and over	336
Average household size	2.5
Average family size	3.25
Source: U.S. Census	

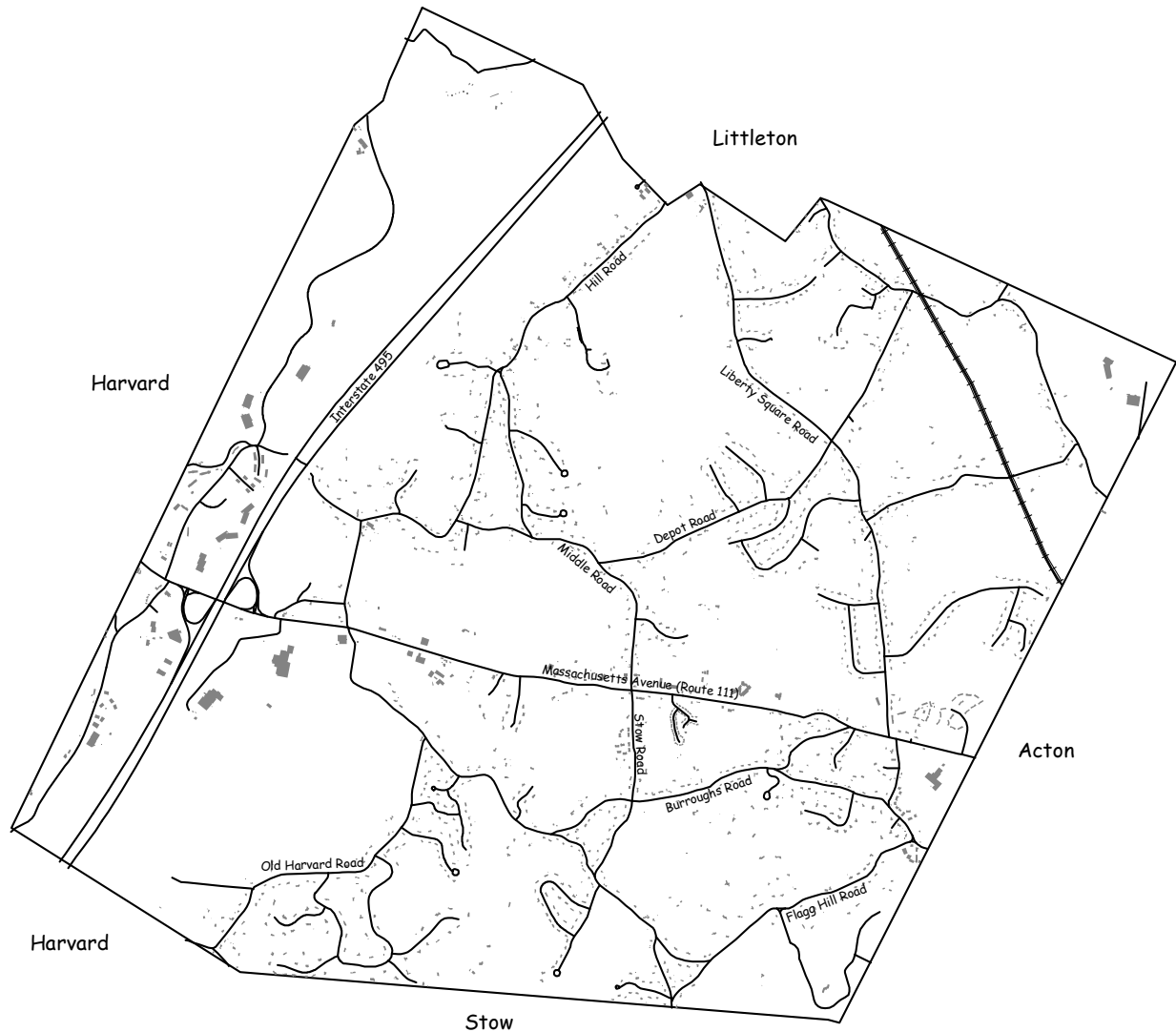
Income – According to the 2010 Census, the median household income in Boxborough was \$103,918 and the median family income was \$134,583. The per capita income was \$51,159. The Census also found that 3.7% of families in Boxborough had incomes below the poverty level.

Environmental Justice Criteria – The State considers a community to be an environmental justice community if it meets one or more of the following criteria:

- 25% of the households earn 65% or less of the statewide household median income;
- 25% or more of the residents are minority;
- 25% or more of the residents are foreign-born; or
- 25% or more of the residents are lacking English language proficiency.

Boxborough does not meet any of these criteria, but this does not mean that there is no diversity in Boxborough's population. Tables 5 and 6 on page 12 display some information related to diversity in Boxborough which shows there is a significant Asian population in town. Map 2: Environmental Justice Populations, documents that Boxborough does not include any environmental justice populations.

Map 2 Environmental Justice Populations



There are no Environmental Justice Populations
in the Town of Boxborough.

December 2014
Data Sources:
Boxborough Planning Department
MassGIS

Feet
0 1,500 3,000 6,000



Table 5		
Racial Composition of the 2010 Population		
Race	Number	Percent
Total Population	4,996	100.0
One Race	4,896	98.0
White	4,023	80.5
Black or African American	24	0.5
American Indian and Alaska Native	2	0.0
Asian	814	16.3
Asian Indian	283	5.7
Chinese	391	7.8
Filipino	9	0.2
Japanese	15	0.3
Korean	41	0.8
Vietnamese	11	0.2
Other Asian	64	1.3
Native Hawaiian and Other Pacific Islander	1	0.0
Some Other Race	32	0.6
Two or More Races	100	2.0
Source: U.S. Census		

Table 6		
Language Spoken At Home		
Language	Number	Percent
Population 5 years and older	4,787	100.0
English only	3,854	80.5
Language other than English	933	19.5
Speak English less than "very well"	204	4.3
Spanish	97	2.0
Speak English less than "very well"	12	0.3
Other Indo-European languages	415	8.7
Speak English less than "very well"	65	1.4
Asian and Pacific Islander languages	421	8.8
Speak English less than "very well"	127	2.7
Other languages	0	0.0
Speak English less than "very well"	0	0.0
Source: US Census		

Population Density – There is only one census tract in Boxborough. With an area of 10.4 square miles and a population of 4,996, the overall density is 480 persons per square mile. Table 7 below compares the population density of Boxborough to its neighboring communities.

Table 7 Population Density of Boxborough and Surrounding Communities			
Community	Square Miles	2010 Population	Population Per Square Mile
Acton	20.3	21,924	1,080
Boxborough	10.4	4,996	480
Harvard	27.0	6,520	241
Littleton	17.5	8,924	510
Stow	18.1	6,590	364
Source: MAPC Data Center			

Projected Population

In May 2008, MAPC released MetroFuture: Making a Greater Boston Region, a new plan for growth and development in Metro Boston from now to 2030. In order to support the MetroFuture planning process, MAPC prepared two sets of population and employment projections: a “current trends” projection and a “MetroFuture” projection.

The current trends or baseline projection estimates the number of people and jobs likely to exist in each community if current patterns of growth and development continued to 2030. The MetroFuture projection estimates the number of people and jobs for each community if the recommendations contained in the MetroFuture plan are followed. Under MetroFuture, more growth is directed to areas that are already developed, such as town centers and urban areas. Table 8 shows the population projections for Boxborough under both the current trends and the MetroFuture scenario. Boxborough is projected to grow under both scenarios. Under current trends growth from 2010-2030 would be 605 people and under the MetroFuture scenario, growth would be 768 people.

Table 8 MAPC Population Projections under Current Trends and the MetroFuture Scenario						
2010 Current Trends	2010 MetroFuture	2020 Current Trends	2020 MetroFuture	2030 Current Trends	2030 MetroFuture	2035 MetroFuture Update
5,279	5,151	5,612	5,435	5,884	5,919	5,919
Source: MAPC Data Center						

Another important consideration is the growth or decline in certain age groups. Table 9 shows population projections by age groups for the period 2010-2030. It also shows the percentage increase or decrease in these same age groups for 2010-2020, the time period most congruent with the time frame of this plan. The projections show a slightly aging population with the greatest percentage increases in the 50 plus year old groups and slight decreases in the 5-9 and 15-24 year old age groups.

Recreational Needs by Age Group

Under the age of five, most recreation is done with parental supervision. This recreation tends to be close to home due to the difficulties of traveling with children. This age group also needs structured preschool programs that focus on teaching basic skills. For older children, adults seek places to take their children for walks. Adults with older children also seek out programs for their children that provide family recreational opportunities.

Adolescents are a difficult age group to serve because they do not like to participate in traditional programs that are structured or involve adult supervision. They prefer programs where they are more actively involved in determining the activities. Programs that work well for adolescents include rock climbing, adventure programs, skateboarding, hiking, band concerts, cook outs, dances, and sports.

The needs of elderly residents are divided between the younger, more active senior citizens and the frail elderly. The frail elderly generally require therapeutic recreational services. More active seniors tend to enjoy walking, golf, tennis, and swimming.

The needs of residents with disabilities also varies. Some residents with disabilities can participate in regular recreational programs without any modifications while others may need some assistance. Depending on the degree of disability, there may also be a need for specific programs geared for that population. Physical barriers are a key factor and will need to be evaluated through the American With Disabilities Act Section 504 process and eliminated in a systematic fashion. Programmatic changes may also be necessary, including training staff on how to work with disabled residents.

Table 9				
Population Projections by Age Group: 2010-2030				
Age Range	2010	2020	2030	% Change 2010-2020
00-04	380	405	451	7%
05-09	355	353	392	-1%
10-14	409	434	458	6%
15-19	325	314	305	-3%
20-24	212	204	188	-4%
25-29	282	316	290	12%
30-34	350	410	427	17%
35-39	448	437	525	-2%
40-44	445	379	432	-15%
45-49	516	445	424	-14%
50-54	571	590	524	3%
55-59	350	435	395	24%
60-64	258	347	365	34%
(Continued on Next Page)				

Table 9				
Population Projections by Age Group: 2010-2030				
Age Range	2010	2020	2030	% Change 2010-2020
65-69	122	180	218	48%
70-74	60	111	168	85%
75-79	32	44	75	38%
80-85	23	22	36	-4%
85+	12	11	11	-8%
Source: MAPC Data Center.				
<i>Note: These projections reflect the Metro Future scenario.</i>				

Economic Data – The following information in Table 10 breaking down employment by industry in Boxborough is from the U.S. Census Bureau American Community Survey for 2007-2011. Table 11 indicates the average employment and wages by industry for the town and Table 12 identifies major employers in Boxborough.

Table 10		
Employment by Industry 2007-2011		
Industry	Estimated Employment	% Employed
Civilian employed population, 16 years and over	2,640	
Agriculture, forestry, fishing, hunting, mining	11	0.4
Construction	80	3.0
Manufacturing	463	17.5
Wholesale trade	82	3.1
Retail trade	183	6.9
Transportation, warehousing and utilities	37	1.4
Information	76	2.9
Finance, real estate, insurance	145	5.5
Professional, scientific, management, administrative	652	24.7
Educational services, health care and social assistance	704	26.7
Arts, entertainment, recreation, accommodation, food service	119	4.5
Other services except public administration	41	1.6
Public administration	47	1.8
Source: U.S. Census Bureau, American Community Survey 2007-2011		

Table 11 2012 Average Employment and Wages by Industry			
Industry	# of Establishments	Average Monthly Employment	Average Weekly Wage
Total, All Industries	188	4,160	\$2,606
Construction	18	209	\$2,182
Manufacturing	5	453	\$1,210
Wholesale Trade	12	81	\$2,311
Retail Trade	11	49	\$1,059
Finance and Insurance	5	21	\$746
Professional and Technical	56	2,459	\$3,503
Administrative and Waste Services	15	99	\$963
Educational Services	5	121	\$811
Health Care and Social Assistance	11	106	\$482
Arts, Entertainment, and Recreation	7	64	\$356
Accommodation and Food Services	9	148	\$527
Other Services, Except Public Administration	17	55	\$1,466
Source: MA Executive Office of Labor and Workforce Development			

Table 12 Major Employers in Boxborough	
Name	Employees
Cisco Systems, Inc.	1,300
Advanced Micro Devices	413
Setra Systems	250
SynQor	243
Town of Boxborough	101
Acton-Boxborough Regional School System	99
Holiday Inn	106
Intertek Testing Service	100
Interactive Data Corporation	76
Source: Town of Boxborough Planning Department	

Housing Characteristics

The Census Bureau estimates that in 2007-2011 there were 2,041 housing units in Boxborough. Of the 2,041 units, 1,984 were occupied and 57 were vacant. Of the occupied housing units, 78.2% were owner-occupied and 21.8% were renter-occupied. Tables 13, 14, and 15 provide a detailed breakdown of housing unit types, tenures, and age.

Table 13 Housing Units: 2007-2011		
Units in Structure	Number	Percent
Total Housing Units	2,041	100.0
1 unit detached	1,195	58.5
1 unit attached	123	6.0
2 units	44	2.2
3 or 4 units	67	3.3
5 to 9 units	79	3.9
10 to 19 units	356	17.4
20 or more units	177	8.7
Mobile home	0	0.0
Boat, RV, van, etc.	0	0.0
Source: U.S. Census		

Table 14 - Housing Tenure 2007-2011		
	Number	Percentage
Occupied housing units	1,984	100.0
Owner-occupied	1,552	78.2
Renter-occupied	432	21.8
Source: US Census Bureau, American Community Survey		

Table 15 - Age of the Housing Stock		
Year Built	Number	Percent
Total Housing Units	2,041	100.0
Built 2005 or later	24	1.2
Built 2000 to 2004	118	5.8
Built 1990 to 1999	531	26.0
Built 1980 to 1989	215	10.5
Built 1970 to 1979	694	34.0
Built 1960 to 1969	253	12.4
Built 1950 to 1959	40	2.0
Built 1940 to 1949	38	1.9
Built 1939 or earlier	128	6.3
Source: US Census		

D. GROWTH AND DEVELOPMENT PATTERNS

Patterns and Trends

Growth and development in Boxborough is scattered throughout the town with mostly low-density, single-family home development on large lots rather than denser subdivisions, however, there are a few areas of concentrated development. Most of the commercial development can be found adjacent to Interstate 495. MAPC classifies Boxborough as a Country Suburb. Country Suburbs are characterized as having very low density, lots of room to grow, and a distinctly country character. These communities are low density with no significant town center and no compact neighborhoods. There is a significant amount of vacant developable land in town and new growth is generally in conventional, low-density subdivisions on vacant land. The population in these towns is generally rapidly growing. The town's long-term development is largely a function of the economy, the zoning bylaw, and the amount of remaining buildable land. The Town recently had MAPC prepare a buildout analysis which is discussed in greater detail on page 25.

Infrastructure

Transportation – Boxborough's roads are classified as arterials, collectors, and local access roads. The primary arterials are Interstate 495, Route 2, and Route 111. Liberty Square Road, Hill Road, Old Harvard Road, Burroughs Road, Flagg Hill Road, Summer Road, Pine Hill Road, Middle Road, Picnic Street, Davidson Road, Sargent Road, and Littlefield Road are considered collector roads. The remaining roads are local access roads.

In November of 2001, three sets of traffic lights were installed in Boxborough, the first for the town. The signals are located at the Interstate 495 Northbound and Southbound ramps; and at the Codman Hill/Swanson Road intersection. The signals were installed during the development of the Beaver Brook campus of Cisco Systems Inc. to mitigate traffic impacts associated with the approved 900,000 square foot campus off Swanson Road. In December 2001, Cisco received approval for a 500,000 square foot expansion at the Swanson Road site. Additional improvements along Route 111, including a second turning lane for the I-495 Northbound ramp is proposed for the expansion. The widening of Route 111 in the vicinity of the Jefferson at Beaver Brook residential development along Route 111 is also proposed as mitigation for the project.

The Fitchburg Line of the MBTA Commuter Rail runs through Boxborough, but does not stop in town. The closest Commuter Rail stations are on Foster Street in Littleton and Central Street in south Acton. A new station has been constructed at the Littleton location, double tracks are being installed between Littleton and Acton, and construction of new facilities at the Acton location is currently underway. As a result, Littleton, rather than Acton, is now the terminus for trains not traveling through to Fitchburg. This is expected to affect local and regional transportation patterns and possibly development patterns.

Minute Man Air Field in Stow and Boxborough is a privately owned, public-use airport with facilities to land twin engine planes. The owner of the airport has completed a Master Plan to enable him to apply for federal funds for airport improvements. The owner has completed some runway and safety improvements. The airfield owns land in Boxborough located in the Heath Hen Meadow subdivision in the clear zone. The clear zone is a trapezoidal area of land recommended by the Federal Aviation Administration (FAA) to be free of all obstructions. A local family is farming some of this land and a seasonal farm stand is also located on the property.

The area towns are served by different Regional Transportation Authorities. Under Executive Order 418 the Town did a conceptual plan for bicycles and pedestrians along the Route 111 corridor and completed the Route 111 Economic Development Trail Master Plan. There is limited public transportation in the form of a shuttle service available to seniors (60 and older) and the disabled.

Water Supply – There is no municipal water supply in Boxborough except for a small system serving Town buildings. There are 24 privately owned public water supply systems serving housing developments and businesses. The Littleton Water Department provides water to Central Street and to the condominiums on Leonard Road. All potable water supplies are from wells. Map 6 on page 33 references the various water resources in town.

For fire protection, the town relies on 27 cisterns and 18 fire ponds located throughout Boxborough as part of a comprehensive town-wide fire protection system. Fire ponds ranging from 60,000 to two million gallons are located along Massachusetts Avenue, Pine Hill Road, Stow Road, Burroughs Road, and Old Harvard Road. Fire ponds are proposed in the Jefferson at Beaver Brook development and the Cisco Site 2. An additional fire pond should be developed to the north of Route 111 in a central location. Unfortunately, fire protection provisions have been hampered by the Department of Environmental Protection's concerns about altering wetlands to create ponds.

All other properties rely on private wells for potable water. The Town had a Water Resources Committee (WRC) until recently which studied ways to protect existing and future potential water supplies, but the Committee is no longer active. The WRC was a cooperative effort between the Board of Health, the Board of Selectmen, the Finance Committee, and the Conservation Commission. The long-term goal of the WRC was to identify and protect sites that might contribute to a future municipal water supply system. The WRC conducted several studies concerning development of a municipal water supply, but it was determined that such a system is currently not feasible. This Open Space and Recreation Plan includes provisions for protecting undeveloped sites identified with the potential to contribute to a municipal water supply.

Sewer – There is no municipal sewerage in Boxborough. This lack of infrastructure makes it challenging for 40B developments, higher density housing, or any commercial development. There are several privately owned and operated wastewater facilities throughout town that serve large commercial sites such as Cisco, the Holiday Inn, and 80/90 Central Street as well as larger condominium developments such as Harvard Ridge, Codman Hill, and Brook Village. These facilities are permitted by the Massachusetts Department of Environmental Protection (MADEP). In addition, there are smaller (lower flows) privately owned and operated facilities such as those serving Applewood Village condominiums, and several commercial properties that are permitted by the Board of Health.

Solid Waste – There is no municipal residential trash pick-up in Boxborough. Residents may dispose of solid waste through commercial contract services or at the Town's transfer and recycling station on Codman Hill Road which is run by the Department of Public Works. The Town facility is for residential waste only, not commercial waste.

Regulatory Overview

Zoning Bylaw – The Town of Boxborough is divided into seven underlying zoning districts with four overlay districts. The underlying zoning districts are shown on Map 3 on page 22. Generally speaking, the Town has a minimum residential lot size of 60,000 square feet for conventional Approval Not Required (ANR) lots and requires 150 feet of frontage to meet the standards of the Subdivision Control Law. Of the minimum required 60,000 square feet, 20,000 square feet of the lot area must be contiguous upland. These zoning constraints begin to limit the areas for potential new development. Additionally, the Town's Zoning Bylaw includes a provision requiring that newly created lots contain a quadrangle which includes 70% of the lot area required for the zoning district. All principal buildings, accessory buildings, structures, wells, and on-site sewage disposal systems are to be located within the quadrangle, with the exception of signs, driveways, utility service connections, drainage, fences, and light standards. This bylaw was adopted to limit the creation of oddly shaped lots, but also to limit the level of development.

The Town's overlay zoning districts were adopted to help protect the community's natural resources and to minimize impacts on the community. In 1974, Town Meeting adopted the Wetlands and Watershed Protection District (W-District) which prohibits development in wetlands and severely restricts land alterations within the wetlands or within 100 feet of the wetlands. Any land disturbance within these areas requires a Special Permit from the Zoning Board of Appeals. The Aquifer Protection District limits the types of uses allowed where underground aquifer recharge areas are located. The Flood Plain District includes all special flood hazard areas within the town designated as Zone A and AE on the Middlesex County Flood Insurance Rate Map (FIRM) issue by the Federal Emergency Management Agency (FEMA). The Flood Plain District is designed to help ensure public safety through reducing threats to life and personal injury as well as to reduce costs associated with the response and cleanup of flooding conditions. The Wireless Communication Facilities Overlay restricts where communication facilities can be located within the town. This district helps to minimize the adverse impacts of these facilities on residential neighborhoods, encourages the shared use of existing facilities, and limits the overall number and height of facilities.

Wetland Bylaw – The purpose of this bylaw is to preserve and protect the wetlands in town by regulating and controlling activities deemed to have a significant effect upon the functions and characteristics of such wetlands, including but not limited to a public or private water supply, the ground water supply, flood control, erosion control, protection of land containing wildlife, and other items. Engaging in any activity deemed to alter any wetland, or area within 100 feet of any wetland, requires approval from the Town's Conservation Commission.

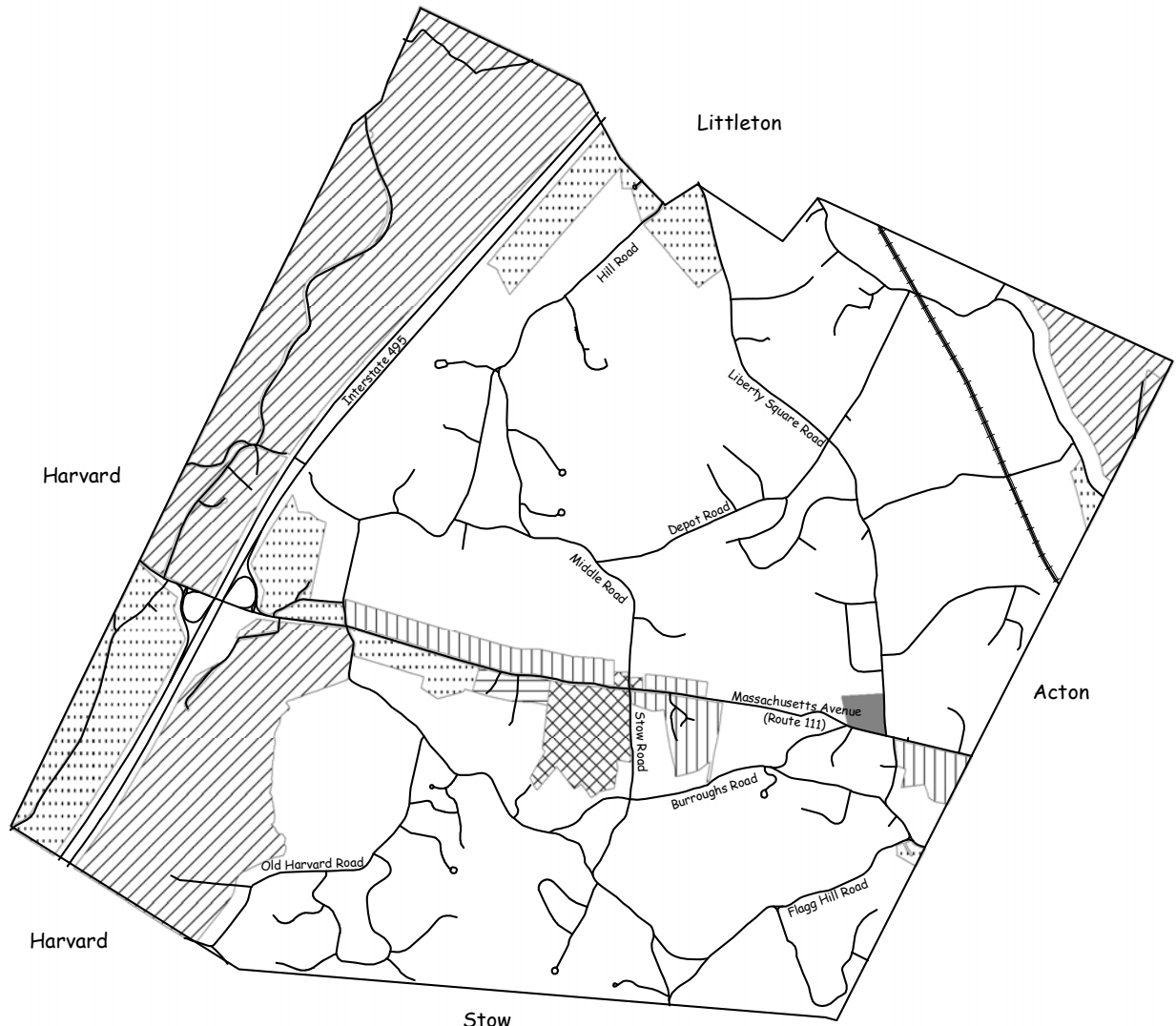
Demolition Delay Bylaw – The Town's Demolition Delay Bylaw acts to preserve and protect significant buildings within the town which constitute or reflect distinctive features of the architectural, cultural, economic, political, or social history of the town. No building, or any portion thereof, deemed historically significant by the Historical Commission may be permitted to be demolished except in conformance with the provisions of this bylaw. Any significant building which the Commission determines is in the public interest to be preserved rather than demolished is subject to a 12-month demolition delay period. During this time the Applicant and the Historical Commission must attempt to work out a solution that is amenable to both parties that could lead to the preservation of some or all of the historically significant building.

Scenic Road Bylaw and Stone Walls Bylaw – Together, the Town's Scenic Road Bylaw and Stone Walls Bylaw restrict the cutting and removal of trees and the alteration of stone walls along public ways. According to the Town's Scenic Road Bylaw, 12 roads have been designated as Scenic Roads, and any trees or stone walls located along a Scenic Road cannot be removed until a hearing is held and specific permission is granted by the Planning Board. The intent of the Stone Walls Bylaw is to facilitate the preservation of stone walls and to protect the scenic quality and character of public ways in the Town by regulating the removal, tearing down, or destruction of stone walls and the construction of new stone walls within or on the boundary of Town Ways. Any proposed alteration to a stone wall that is within or on the boundary of the public right of way requires approval from the Planning Board.

Right to Farm Bylaw – Farming is allowed in every zoning district at any scale, and by a vote of Town Meeting in 2008, the Town created the Agricultural Commission whose mission is to represent, enhance, and sustain agriculture, farming, and related activities within the town. As part of this mission the Agricultural Commission helped to establish a Right to Farm Bylaw which encourages the pursuit of agriculture, promotes agriculture-based economic opportunities, and protects farmlands within the Town by allowing agricultural uses and related activities to function with minimal conflict with abutters and Town agencies.

Earth Removal Bylaw – Adopted in 1952, the Town's Earth Removal Bylaw regulates the removal of sand, gravel, loam, or other earth products from any parcel of land. Any person wishing to obtain a permit or to renew a permit to remove earth material from a property in the Town, or to use any public way within the Town for transporting such material from one part of a property to another part, must receive a Special Permit from the Planning Board.

Map 3 Boxborough Zoning Map



Zoning Districts

 Agricultural/Residential	 Town Center	 Residential 1
 Business	 Office Park	 Industrial/Commercial
 Business 1		

December 2014
Data Sources:
Boxborough Planning Department
MassGIS

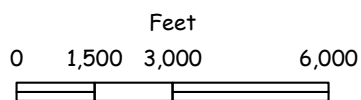


Table 16 Zoning Districts		
Abbreviation	District Name/Description	Minimum Lot Size
AR	Agricultural-Residential	60,000 sf
R1	Residential-1	80,000 sf
B	Business	40,000 sf
B1	Business-1	40,000 sf
OP	Office Park	160,000 sf
TC	Town Center	40,000 sf
IC	Industrial-Commercial	80,000 sf
	Aquifer Protection Overlay	
W-District	Wetlands and Watershed Protection Overlay	
	Flood Plain Overlay	
	Wireless Communication Facilities Overlay	
Source: Town of Boxborough Zoning Bylaw		

Subdivisions and Development Activity – Recent residential subdivisions have been small-scale with none being more than 12 lots. In addition, there have been 18 ANR subdivisions resulting in 87 lots. Building alterations and additions have been common over the last several years. Other potential developments include a large 40B residential development which is now beginning to move forward with a groundbreaking anticipated in 2015. Full buildout of the Cisco property is also on hold because of the economy. Table 17 provides a list of recent subdivisions in town and Table 18 provides a breakdown of the residential and commercial Building Permits that have been issued over the last five years.

Table 17 Recent Subdivisions	
Subdivision Name	# of Lots
School House Lane	12
Hughes Lane	10
Windemere Drive	12
Sara's Way	8
Saddler Farm Lane	5
(Continued on Next Page)	

Table 17 Recent Subdivisions	
Subdivision Name	# of Lots
Priest Lane	10
Houghton Lane	12
Daniels Way	2
Colonial Ridge Road	10
Butler Way	2
Bartean Lane	10
Avebury Circle	12
18 ANR Subdivisions (Approval Not Required)	87
Source: Town of Boxborough	

Table 18 Building Permits Issued					
Permit Type	2014	2013	2012	2011	2010
New Residential/Single-Family	4	9	4	2	4
New Commercial	0	0	0	0	0
Residential Additions/Alterations	100	117	70	102	69
Commercial Additions/Alterations	20	8	19	17	6
Source: Town of Boxborough Annual Reports					

MAPC Development Database – In order to better track the region's growth and forecast its future, MAPC Data Services maintains a Development Database for the 101 cities and towns of metro Boston. As of 2013, this database included information on more than 3,000 development projects recently completed, in construction, or planned. Much of the data comes from municipal planning staff, augmented by MAPC research.

This database provides a unique insight into development patterns in the region, and can also be used to support population and employment projections for the region. The database was a key input into the MetroFuture 2035 Projections Update prepared by MAPC to support the Regional Transportation Plan currently under development by the Boston Metropolitan Planning Organization. MAPC will also be using the development database to create growth projections for the I-495 Development Compact project and other local and regional planning efforts.

There are six projects listed in the MAPC Development Database:

- **Jefferson at Beaver Brook** – This is a 40B Comprehensive Permit project that would contain 244 rental units in 11 buildings and 451 parking spaces on approximately 70

acres of land. The developer is currently seeking water quality and capacity testing and is anticipating obtaining Building Permits for the project in August of 2015.

- **Cisco Campus** – Cisco was permitted to construct over 1,400,000 square feet of office space in 10 buildings. Only 3 of the 10 buildings have been constructed to date. At this point the buildout of this site is on hold due to economic conditions.
- **72 Stow Road** – The Town will be issuing a Request for Proposals in 2015 to select a developer to construct approximately 25 new affordable, owner-occupied, homeownership dwelling units on this 14.85 acre site. The Town is hoping to create a variety of affordable housing options on this site and not just units that meet State affordability standards, but also units that are affordable to those meeting 80-100% and 100-120% of the Area Median Income. Housing options for the very low income, seniors, and starter homes for new families will also hopefully be included in this development.
- **Veterinary Dental Services, LLC** – A veterinary dental office space building with approximately 5,000 square feet with associated parking, sewage disposal, drainage, and grading is under construction. The developer is aiming for a fall of 2015 opening date.
- **Boxborough Innovation Center** – A proposed 4-unit, 5,760 square foot commercial building is in the preliminary planning stages for a 6 acre site on Massachusetts Avenue.
- **Town Center Senior Housing Development** – A proposed 100 unit over 55 housing development consisting of two-family dwellings densely clustered into one area of a 58 acre parcel at the intersection of Massachusetts Avenue (Route 111) and Stow Road. The Applicant is hoping to apply for and obtain Site Plan Approval in 2015.

Buildout – In 2000, MAPC, under contract to the Executive Office of Environmental Affairs (EOEA), prepared a buildout analysis for every community in the Boston region. A buildout analysis is a tool to help communities understand the potential impacts of future growth that might occur given the amount of developable land remaining and how that land is zoned. The Town of Boxborough contracted with MAPC to prepare a new buildout analysis which was completed in 2014. This updated buildout analysis indicates the potential for an additional 111 housing units as well as approximately 2.3 million square feet of nonresidential development. However, it does not include development of land in Chapters 61, 61A, or 61B, or development that would require Special Permits or Variances.

SECTION IV – ENVIRONMENTAL INVENTORY AND ANALYSIS

A. GEOLOGY, SOILS, AND TOPOGRAPHY

Topography and Geology

The topography of Boxborough is varied. The most prominent topographic feature is the ridge of land that runs in a northeasterly direction roughly from Middle Road, paralleling Interstate 495 into Littleton. Hill Road is the ridge line of this feature from which slopes generally fall off to either side. The ridge divides approximately at Picnic Street and some of the most dramatic topography is created in the three-fingered elongated hills; one is skirted by Picnic Street and climbed by Old Orchard Lane, a second is overridden along its crest by Hill Road, and a third swings westward, more or less parallel to I-495. The elevations of the three hills east to west are 468, 459, and 455 feet above mean sea level. These are the three highest points in the town with the exception of Flagg Hill, the second highest point in Boxborough.

The middle ridge is the historic center of town. The first meeting house and the first Town Hall, which was later destroyed by fire, were located here. The Boxborough Museum and the old Town Common now occupy this site. The western ridge slopes downward toward Beaver Brook Valley and Beaver Brook. I-495 runs along the shoulder of this ridge.

To the east and then curving gradually to the south, the land slopes more moderately from the ridge. Several hills that rise over 400 feet are scattered throughout the southern section of the town. Flagg Hill, the second highest point in Boxborough rising 465 feet above sea level, is located in the southeast corner of Boxborough. Topography is depicted on Map 4 on page 29.

Between Beaver Brook Valley and I-495 is the Boxborough Esker or Ridge Hill. The esker is a ridge formed by gravel deposited by a melt-water stream running through a crevasse in the glacier which covered this area over 15,000 years ago. Ridge Hill is one of the best examples of a preserved esker in New England. The esker is 2½ miles long and at its crest, rises 45 feet above the valley floor.

Soils

In general, Boxborough's soils are only capable of supporting low intensity development because of septic and building constraints. About 85% of the town is categorized as having severe constraints for septic system disposal. Severe constraints are considered to be one or more of the following: a) shallow depth to bedrock, less than 5.5 feet; b) wetness; c) severe slopes, greater than 15%; and d) hardpan. Soils are depicted on Map 5 on page 30.

Prime farmland soils are federally designated by the Natural Resource Conservation Service (formerly the Soil Conservation Service). These soils have the best combination of physical and chemical characteristics for agricultural crop production and are generally available for that purpose if they have not been developed. State important farmland soils do not meet federal requirements but are nonetheless significant for agricultural production. Locally important farmland consists of soils that are significant based on local knowledge of agricultural use, past or present. For instance, much of Boxborough's land used historically for orchards and pasture is not designated prime or state important farmland because it is too steep, too rocky, or both.

Agricultural use of these areas should be encouraged, e.g. farming on town-owned land. Development involving construction of buildings and pavement, soil removal, or significant soil alteration should be discouraged in these areas. Prime and state important agricultural soils are depicted on Map 5.


Map 4 Topography Map



— Contours - 10 foot intervals
■ Building Footprints

December 2014
Data Sources:
Boxborough Planning Department
MassGIS

Feet
0 1,500 3,000 6,000



Map 5 Soils Map

November 2014

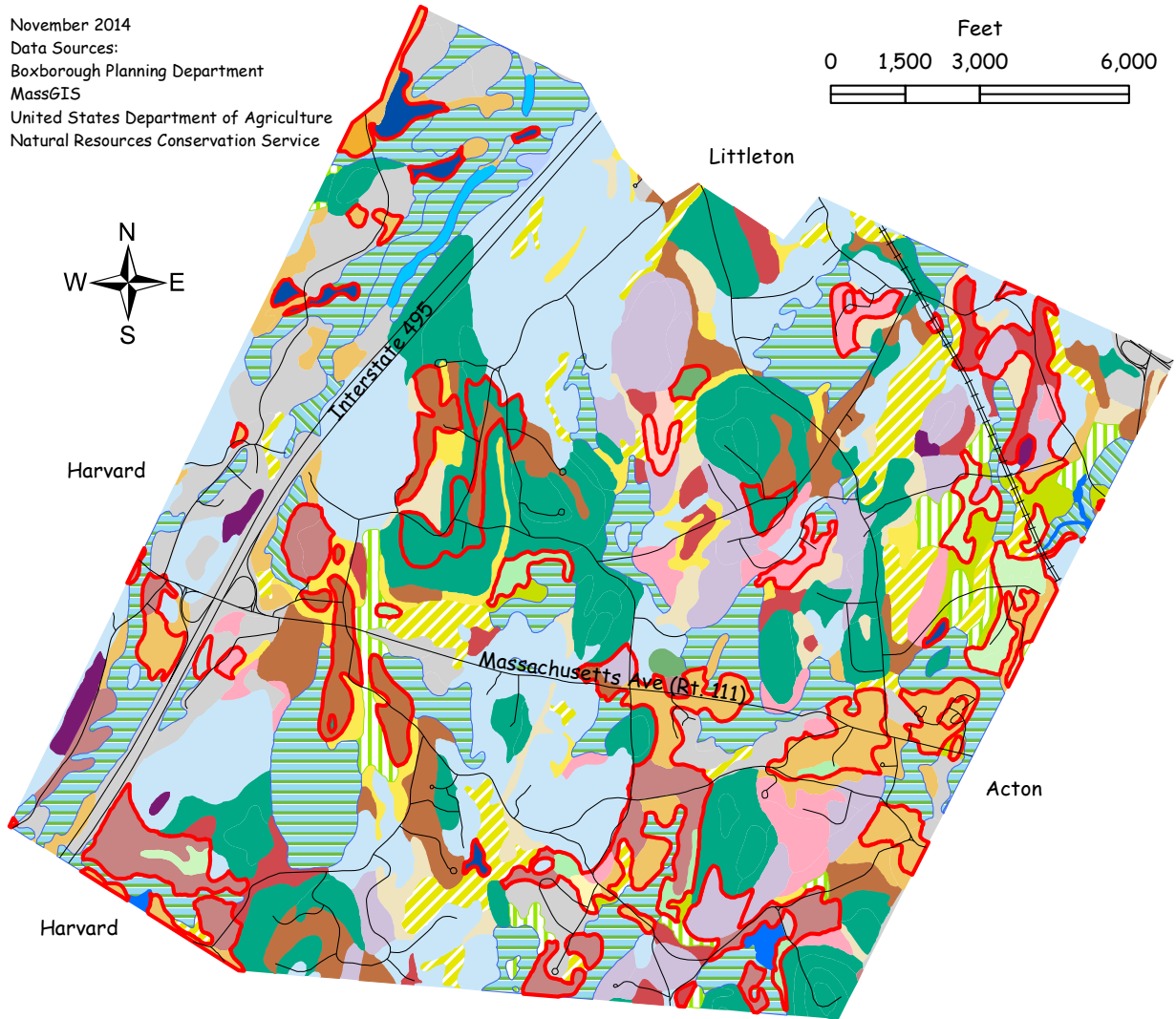
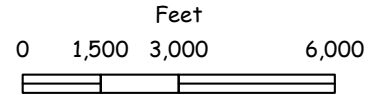
Data Sources:

Boxborough Planning Department

MassGIS

United States Department of Agriculture

Natural Resources Conservation Service



Prime/State Important Agricultural Soils	Ho - Hollis rock outcrop	Si - Scio very fine sandy loam
Bi - Birdsall mucky silt loam	Me - Merrimac fine sandy loam	Sr - Scarboro mucky fine sandy loam
Ca - Carver loamy coarse sand	Mo - Montauk fine sandy loam	Su - Sudbury fine sandy loam
Ch - Charlton fine sandy loam	Na - Narragansett silt loam	Sw - Swansea muck
Cn - Canton fine sandy loam	Pa - Paxton fine sandy loam	U - Udorthents, Urban land & pits
Co - Charlton Hollis rock outcrop	Qs - Quonset sandy loam steep	Wa - Wareham loamy fine sand
De - Deerfield loamy sand	Qu - Quonset sandy loam	Wh - Whitman fine sandy loam
Fr - Freetown muck	Ri - Ridgebury fine sandy loam	Wi - Windsor loamy sand
Ha - Haven silt loam	Sa - Saco mucky silt loam	Wo - Woodbridge fine sandy loam
Hi - Hinckley loamy sand	Sc - Scituate fine sandy loam	Water

B. LANDSCAPE CHARACTER

The Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory describes Boxborough as being located within the central highlands at the headwaters of the Merrimack River and Concord River. Boxborough has no rivers or major ponds. It is a very rural and agricultural community which had little in the way of industry. Agricultural activities included orchards, poultry farming, and some dairying, but agriculture declined after World War II.

Residents of Boxborough feel that the rural character of the town is an important asset and that is linked to the farms that can still be seen along the many scenic roads. The hilly topography of the town provides many scenic vistas. The stone walls that exist within the town are evidence of historically cleared land and are an important part of the landscape.

Table 19 describes land use in Boxborough according to data provided by MA GIS. The predominant land use in Boxborough is forest which amounts to 53.47% of the town's area. Wetlands amount to 17.14% of the town's area and residential development accounts for 14.95%. Other commercial and public developed uses account for 6.29%.

Table 19 2005 Land Use		
Land Use	Acres	% of Area
Brushland/Successional	22.01	0.33
Cropland	141.77	2.13
Forest	3,561.28	53.47
Forested Wetland	876.91	13.17
Non-Forested Wetland	264.37	3.97
Open Land	49.10	0.74
Pasture	235.09	3.53
High Density Residential	9.37	0.14
Low Density Residential	751.81	11.29
Medium Density Residential	7.09	0.11
Multi-Family Residential	81.82	1.23
Very Low Density Residential	145.55	2.19
Commercial	89.72	1.35
Industrial	156.35	2.35
Junkyard	0.87	0.01
Transportation	169.59	2.55
Participation Recreation	42.62	0.64
Transitional	13.25	0.20
Urban Public/Institutional	16.63	0.25
Cemetery	1.77	0.03
Waste Disposal	7.90	0.12
Water	14.74	0.22
Water-Based Recreation	0.26	0.00
Total Area	6,659.88	100.00
Source: Office of Geographic Information (MassGIS)		

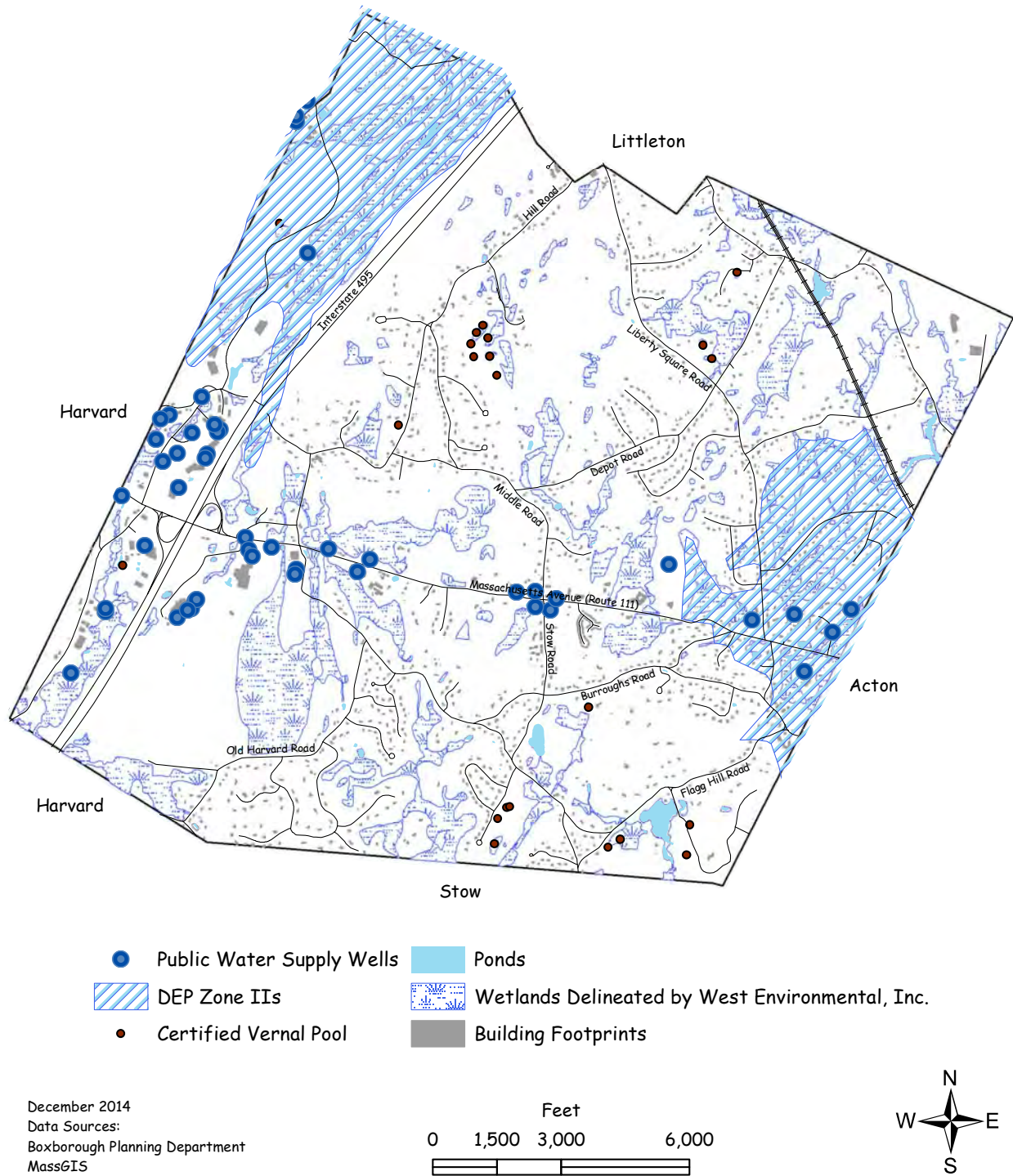
C. WATER RESOURCES

Boxborough is primarily within the Sudbury, Assabet, and Concord Rivers (SuAsCo) Watershed and partially within the Merrimack Watershed. Drainage flows out of Boxborough in all directions; therefore, land use decisions in Boxborough affect water quality in Acton, Littleton, Stow, and Harvard. Both Littleton and Acton have municipal drinking water wells located nearby. The Zone II areas of the wells extend into Boxborough and must be protected. Surface water flows into Boxborough from two places: 1) land in Beaver Brook Valley receives run-off from a hill in Harvard and 2) land in Boxborough near the Littleton town line receives surface water from the Heronry in Littleton.

Water resources are depicted on Map 6 on the next page. Approximately 17% of the total land area in Boxborough consists of wetlands: 1,140 wetland acres of a total 6,660 acres. Wetlands are distributed rather evenly throughout the town. Larger wetlands include Wolf Swamp, Heath Hen Meadow, Beaver Brook wetlands, and Guggins Brook wetlands. Wetlands play an important role in the ecology of Boxborough; they filter out sediment, nutrients, and other pollutants from rainwater and road run-off. During periods of flooding and rapid rainfall, wetlands are able to store water thereby reducing flooding, but in drier weather, wetlands help maintain stream flow.

As is discussed above, the Town has a Wetlands and Watershed Protection Overlay Zoning District which is administered by the Zoning Board of Appeals. Any land disturbance within this district or within 100 feet of the district requires a Special Permit. The Conservation Commission is also responsible for protecting wetlands. The Town has adopted a local Wetlands Bylaw that establishes a set of criteria for working within the wetlands and the 100-foot buffer of the wetlands. Any activity which creates a land disturbance within the wetlands or within 100 feet of the wetlands requires an Applicant to receive an Order of Conditions from the Conservation Commission. The Conservation Commission also administers the State Wetlands Regulations promulgated under the Wetlands Protection Act, as well as the Town's local Wetlands Bylaw.

Map 6 Water Resources



All of Boxborough's brooks drain via intermediaries into the Merrimack River. Boxborough's brooks include Elizabeth Brook, Beaver Brook, Fort Pond Brook, Guggins Brook, Heath Hen Meadow Brook, and Inches Brook. Table 20 below gives the approximate area of the basins.

Table 20		
Approximate Drainage Areas		
Basin	Acres	Percent of Total
Guggins Brook	2,050	30.8
Fort Pond Brook	650	9.8
Inches Brook	140	2.1
Heath Hen Meadow Brook	930	14.0
Beaver Brook	2,340	35.1
Elizabeth Brook	550	8.2
Total	6,660	100.0
Source: Melia, Policies for Future Land Use Development		

Boxborough has no lakes or ponds of significant size. However, there are several ponds that provide for recreational opportunities and wildlife habitat. The ponds are as follows:

- Flerra Pond, a $\frac{3}{4}$ acre pond located at Flerra Meadows.
- Flagg Hill Pond, a 12 acre pond (a majority of this pond is now owned by the Town).
- Eldridge Pond, a two acre pond located where Elizabeth Brook widens into a pond.
- Muddy Pond, a one acre pond located between the esker and I-495.
- Fort Pond Brook Pond, a two acre pond located within Fort Pond Brook, on the Acton-Boxborough town line.

In addition, there are fire ponds and cisterns located throughout Boxborough, as discussed above on page 19.

Boxborough has no municipal water or sewerage systems. Almost the entire town depends on bedrock wells for their water supply, the remaining residents draw their water from one of the town's sand and gravel aquifers. Major sand and gravel aquifers and their recharge areas were delineated by Interdisciplinary Environmental Planning in 1984. The aquifers and their recharge areas are shown below in Table 21. Aquifers that meet the following criteria could be used as a public water supply: a) surficial geologic deposits of proper size and sorting to produce high rates of water movement; b) sufficient saturated thickness of surficial deposits; c) sufficient area recharge; and d) acceptable water quality. Protection of aquifer areas is especially important as it is more economical to preserve water quality than it is to clean a contaminated water source.

Table 21		
Major Surficial Aquifers and Their Recharge Areas		
Aquifer Name	Area (Sq. Miles)	Recharge (Million GPD)
Elizabeth Brook	2.25	0.79
Beaver Brook	3.4	1.41
Heath Hen Meadow Brook	1.50	0.49
Guggins Brook	4.29	1.32
Source: Geoscience (Interdisciplinary Environmental Planning)		

The physical constraints of the town's varied topography and fractured bedrock would make the construction of a town-wide water system prohibitively expensive. Instead, local systems serving a region, or joining with an existing supplier, are more likely to be feasible for a regional water supply.

An Aquifer Protection Overlay Zoning District Bylaw was implemented in 1984. The bylaw prohibits certain uses in the aquifer zone, limits the rate of septic discharge, and sets forth a maximum lot coverage standard.

The Town has established a groundwater monitoring program via a cooperative venture with the Littleton Water Department to assess the environmental effects of commercial septic effluent on regional ground water quality. Developments submitted for Site Plan Approval are required to install ground water monitoring wells. Testing is performed twice a year. Currently, there are 29 monitoring wells being tested in Boxborough. There are three wells at 80/90 Central Street; four wells at 60 Codman Hill Road; two wells at the Boxborough Office Park on Massachusetts Avenue; five wells at 1414 Massachusetts Avenue; four wells at the Cisco Site 2 on Adam's Place; four wells at the Boxborough Technology Park on Swanson Road; three wells at Boxborough Commons on Massachusetts Avenue; and four wells at the Boxborough Business Center on Codman Hill Road. The water quality tests measure levels of the following: Alkalinity; Conductivity; Positive Ions: Magnesium, Calcium Iron, Manganese, Sodium, Potassium; Negative Ions: Alkalinity, Chloride, Sulfate; Heavy Metals: Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Selenium, Silver, Barium; total Nitrate and Nitrite Nitrogen; Ammonia Nitrogen; and Halogenated and aromatic hydrocarbon pollutants as specified by EPA Method 624 (38 Chemicals).

In several instances ground water testing has detected elevated levels of sodium and nitrates, two indicators of groundwater pollution. Although the concentrations did not exceed safe drinking water quality standards, the Littleton Water Department is monitoring these situations closely. In addition to a regular testing program, an Applicant developing land in Boxborough is required to file a hazardous materials plan with the Fire Department. The plan includes a list of all hazardous materials used on the site, the quantities, and where the substances are stored. Also included are procedures to follow in the event of a spill. The hazardous materials plans are used to assist the Fire Department. In the event of a fire, the Department knows whether flammable materials are in the building, and if so, where the chemicals are located. In addition, the hazardous materials plans are compared with water quality reports to determine if chemicals used in or on the premises are being discharged into the groundwater.

Flood Hazard Areas – Flood hazard areas are described in detail on Page 46 and 47. While generally inappropriate for most development, construction of recreation facilities in flood hazard areas may be feasible and suitable.

Wetlands – Seventeen percent of the total land area in Boxborough consists of wetlands (1,100 acres). Wetlands are distributed rather evenly throughout the town with the larger wetland areas being Wolf Swamp, Heath Hen Meadow, Beaver Brook wetlands, and Guggins Brook wetlands. Wetlands play an important role in the ecology of Boxborough by filtering out sediments, nutrients, and other pollutants from rainwater and road run-off. During periods of flooding and rapid rainfall, wetlands are able to store water, thereby reducing flooding, but in drier weather, wetlands help regulate stream flow.

Vernal Pools – Vernal pools are small, shallow ponds that do not support fish and that have annual or semi-annual periods of dryness. Vernal pools are very important to a variety of wildlife species. Some amphibians breed exclusively in vernal pools while others spend their entire life cycles in such pools. The Massachusetts Natural Heritage and Endangered Species Program has a program by which vernal pools can be certified. Certified vernal pools are protected if they fall under the jurisdiction of the Massachusetts Wetlands Protection Act regulations. They are also protected under other State programs. There are currently 24 certified vernal pools in Boxborough.

D. VEGETATION

Boxborough contains forests, meadows, pastures, and wetland vegetation. The majority of the forested areas in Boxborough contain mixed hardwood and softwood forests, with tree heights ranging from 20 feet to 70 feet. Non-forested areas have been cleared for mining, farming, or land development. There is a Beech-Hemlock grove located on the hill above Depot Road and Liberty Square Road and a mature stand of birch trees in the parcel of land donated to the Town by Anne Steele (The Birchwoods). There is also an impressive American Chestnut tree within the right-of-way of Depot Road near Davidson Road.

The Department of Public Works is responsible for undertaking tree work. Due to the number of storms which cause extensive tree damage, the DPW maintains a record of ailing trees and schedules work to ensure that critical tree maintenance work is done to reduce the likelihood of roadway hazards. Table 22 provides a list of the public shade trees in Boxborough which are maintained by the Department of Public Works.

Table 22 Public Shade Trees		
American Beech	Red Maple	White Ash
Black Locust	Red Oak	White Birch
Chokecherry	Red Pine	White Oak
Gray Birch	River Birch	White Pine
Pin Oak	Silver Maple	
Red Cedar	Sugar Maple	

In 2005 the Mass Audubon Society Ecological Extension Service, prepared a report entitled “Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, Massachusetts”. The report included a vegetative survey at eight Town-owned properties. Table 23 identifies the commonly found vegetation in town, including those which are considered invasive which are highlighted in ***italics and bold font***.

Table 23 Commonly Found Vegetation		
Alder Apple species Aster species Autumn Olive Bayberry Bedstraw Bindweed Black-Eyed Susan Buttercup Buttonbush Canada Goldenrod Canada Lily Canada Thistle Cat-Tail Chokecherry Chokeberry Common Buckthorn Common Cinquefoil Common Juniper Common Milkweed Common Plantain Cow Vetch Daisy Fleabane Deadly Nightshade European Barberry Glossy Buckthorn Goatsbeard Gray Birch Gray Dogwood Hawkweed Hazelnut	High-Bush Blueberry Hog Peanut Honeysuckle species Iris Jerusalem Artichoke Joe Pye Weed Juniper species Late Goldenrod Marsh Fern Meadowsweet Moth Mullein Multiflora Rose Old-Field Cinquefoil Orchard Grass Oriental Bittersweet Oxeye Daisy Pig Weed Pinks Poison Ivy Pokeweed Purple Loosestrife Queen Anne's Lace Ragweed Red Clover Red Maple Reed Canary Grass Rough Stemmed Goldenrod Rushe species Sedge species Selfheal Sensitive Fern	Silky Dogwood Skunk Cabbage Smartweed Smooth Alder Smooth Sumac Spotted Touch Me Not Spruce species St. Johnswort Swamp Dewberry Sweet Cicely Sweet Vernalgrass Tall Meadow Rue Thistles Timothy Toad Flax Trembling Aspen Vetch species White Birch White Campion White Pine Wild Asparagus Wild Geranium Wild Grape Wild Madder Willow species Winged Euonymus Wood Sorrel Wool-Grass Yarrow
Source: Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, MA, Mass Audubon, September 2005		

E. FISHERIES AND WILDLIFE

There are several areas in Boxborough where the Massachusetts Division of Fisheries and Wildlife Department, Natural Heritage and Endangered Species Program (NHESP) has identified rare and endangered species. The Bittern Amphipod, Spotted Turtle, Blandings Turtle, Blue-spotted Salamander, and Great Blue Heron are several rare species found in Boxborough.

Although the Town of Boxborough has not completed a town-wide inventory of wildlife, information submitted in environmental impact reports have identified the following mammals: shrew, gray fox, mouse, eastern cottontail, eastern chipmunk, red and gray squirrel, red fox, raccoon, woodchuck, fisher, mink, long-tail weasel, beaver, white tail deer, ground hog, red squirrel, opossum, skunk, coyote, and moose. In addition, many bird species have been identified in Boxborough. The following species in Table 24 were found during Mass Audubon's breeding bird survey of eight conservation parcels.

Table 24 Common Bird Species	
American Crow	House Finch
American Goldfinch	House Sparrow
American Redstart	House Wren
American Robin	Indigo Bunting
Baltimore Oriole	Killdeer
Barn Swallow	Monk Parakeet
Black-Capped Chickadee	Mourning Dove
Blue-Winged Warbler	Northern Flicker
Bobolink	Northern Cardinal
Brown-Headed Cowbird	Northern Mockingbird
Cedar Waxwing	Red-tailed Hawk
Chimney Swift	Red-winged Blackbird
Chipping Sparrow	Rock Pigeon
Common Grackle	Ruby-Throated Hummingbird
Common Yellowthroat	Song Sparrow
Downy Woodpecker	Tree Swallow
Eastern Bluebird	Tufted Titmouse
Eastern Kingbird	Turkey Vulture
Eastern Phoebe	Veery
European Starling	Warbling Vireo
Gray Catbird	Willow Flycatcher
Great Blue Heron	Wood Duck
Great Crested Flycatcher	Yellow Warbler
<i>Source: Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, MA, Mass Audubon, September 2005</i>	

Associated with the many wetlands in Boxborough are several areas of Estimated Habitats of State-Listed Rare Wetland Wildlife, which are regulated under the Massachusetts Wetlands Protection Act (310 CMR 10.00). These areas have been identified by the Massachusetts Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program as containing one or more species officially listed as endangered, threatened or of special concern in Massachusetts.

Rare and Endangered Species – Table 25 lists all of the rare, threatened, and endangered species that appear in the NHESP database for Boxborough.

Table 25		
Rare and Endangered Species		
Common Name	State Rank	Most Recent Observation
Blue Spotted Salamander	SC	2009
Blanding's Turtle	T	2010
Wood Turtle	SC	2002
Eastern Box Turtle	SC	2010
Source: MA Natural Heritage Program Website		

“Endangered” (E) species are native species which are in danger of extinction throughout all or part of their range, or which are in danger of extirpation from Massachusetts, as documented by biological research and inventory.

“Threatened” (T) species are native species which are likely to become endangered in the foreseeable future, or which are declining or rare as determined by biological research and inventory.

“Special Concern” (SC) species are native species which have been documented by biological research or inventory to have suffered a decline that could threaten the species if allowed to continue unchecked, or which occur in such small numbers or with such restricted distribution or specialized habitat requirements that they could easily become threatened within Massachusetts.

Wildlife Corridors – Wildlife corridors are important because wildlife need access to sufficiently large areas of uninterrupted open space in which to feed and to breed. Corridors are also important because road crossings pose a threat to wildlife survival. River and stream valleys often serve as wildlife corridors as do power line right-of-ways. In Boxborough, particular attention has been paid to the needs of the Blanding's Turtles which have been found on the Cisco land. There is a turtle fence along the interior roads to ensure that the turtles do not cross the road until they come to the turtle tunnels. There are three such tunnels which have been installed so that the turtles can safely get to the other side of the road.



Turtle Tunnel

F. SCENIC RESOURCES, UNIQUE ENVIRONMENTS, AND HISTORICAL AREAS

Boxborough has many cultural, historic, and scenic resources. The rural, winding, stone wall lined roads; the historic houses; the farmlands, open fields and meadows are some of the Town's assets. Particularly scenic viewpoints are the "Cathedral of Trees" along Route 111 creating an archway identified as the hallway of Boxborough, the 25 mile view from the Boxborough Museum, the view of the open field from Whitcomb Road and Hill Road, and the view of Steele Farm and beyond from the intersection of Middle Road and Picnic Street. With the decline of agriculture, however, many scenic vistas are now obscured by trees or may become so.

Twelve Town roads have been designated as Scenic Roads (also shown on Map 7 on page 42):

1. Burroughs Road
2. Hill Road
3. Old Harvard Road
4. Davidson Road
5. Depot Road
6. Sargent Road
7. Liberty Square Road between Depot Road and Sargent Road
8. Littlefield Road between Sargent Road and Depot Road
9. Middle Road between Hill Road and Depot Road
10. Picnic Street
11. Pine Hill Road
12. Stow Road

According to the Town's Scenic Road Bylaw, trees or stone walls located along a Scenic Road cannot be removed until a public hearing is held with the Planning Board and specific permission is granted. Additionally, the Town also has a Stone Walls Bylaw which regulates the removal, tearing down, or destruction of stone walls and the construction of new stone walls within or on the boundary of Town Ways.

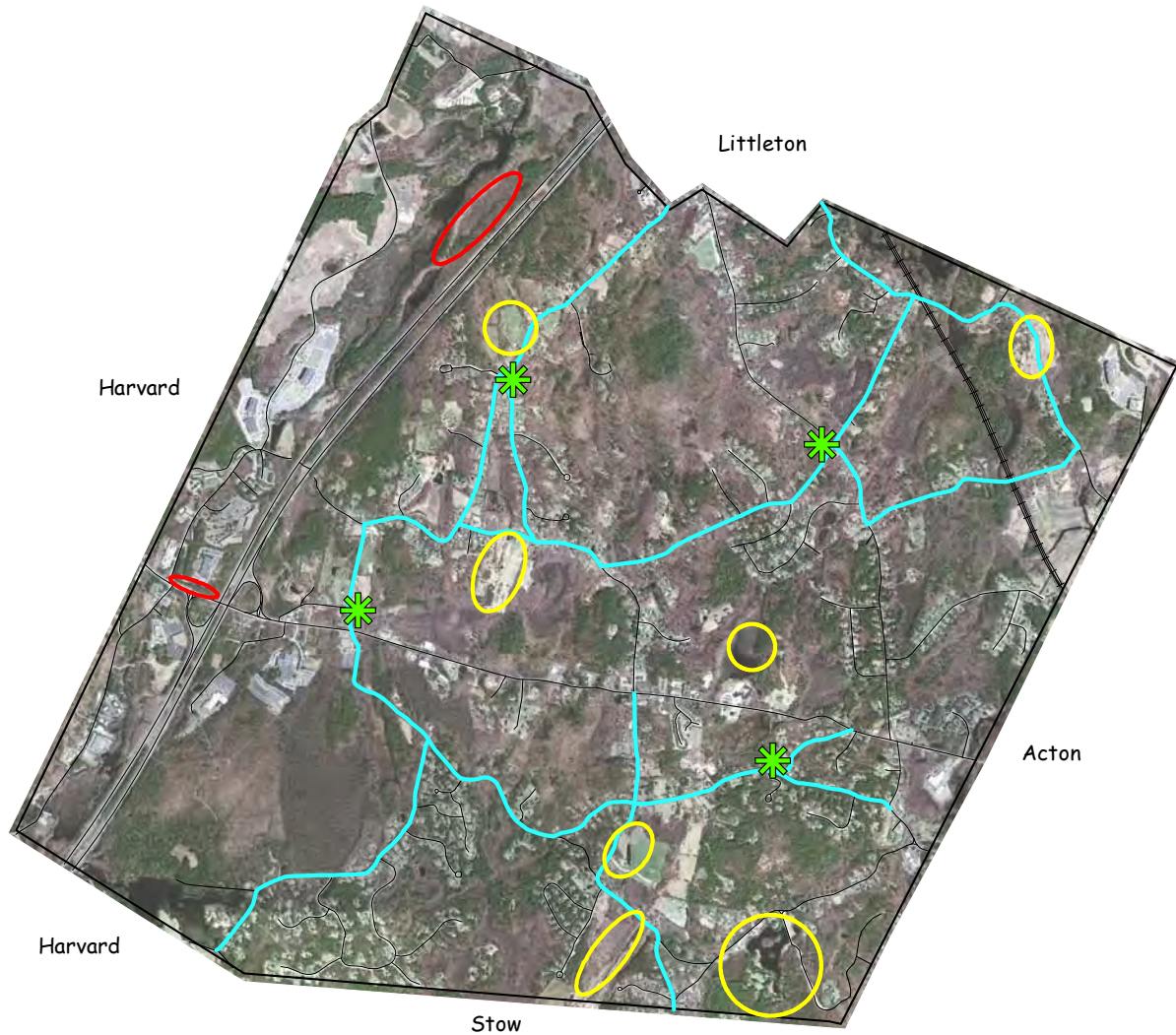
Other unique resources include the four original one room school houses. Three of the schools have been converted to residences. One of the school houses, School # 2, owned by Barbara Sawisch, has been restored. Once a year school children are invited to the school house to experience what it was like to attend one of Boxborough's first schools. The location of these school houses are identified on Map 7.

The old carriage roads, the old town center, the old mill sites, and the small pox grave are other examples of historic resources. One old carriage road is used informally as a hiking and bridle trail. The road descends from Hill Road down the southeast slope of the ridge to Depot Road. This road was constructed to connect Littleton with Stow, before Boxborough was incorporated. Littleton completed the section they were responsible for but Stow never constructed their half. The road was officially abandoned in 1789, six years after the Town of Boxborough was established. The carriage road trail passes near the Boxborough Historical Society's archaeological dig that is at the site of a house occupied in the third quarter of the eighteenth century.

The Boxborough Esker is a unique natural resource. The Boxborough Conservation Trust (BCT), a private non-profit organization whose purpose is to preserve and protect land resources, owns the esker and its members conduct guided walks there. There are also walking trails within the BCT's land. The esker is located within the Beaver Brook Valley that has been identified as one of the town's special landscapes. The valley contains Beaver Brook and its associated wetlands, stands of mature trees, and diverse wildlife habitat. Beaver Brook has been nominated as a scenic river under the Massachusetts's Scenic River Program.

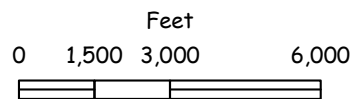
There are two entries for Boxborough in the State Register of Historic Places. One is the Boxborough Old Town Center which comprises 72 properties on Hill Road, Middle Road, and Picnic Street. This area is classified as a National Register District, and it was established in December 2006. Also listed is the Levi Wetherbee Farm (Steele Farm) at 484 Middle Road. This site consists of 12 properties which are classified as National Register Individual Properties. It features colonial and federal architecture. All of the town's historically significant properties are identified on Map 8 on page 43.

Map 7 Unique Features Map



- Unique Geologic Feature
- Scenic Road
- Significant Viewshed Area
- ✱ Original One Room School House

December 2014
Data Sources:
Boxborough Planning Department
MassGIS

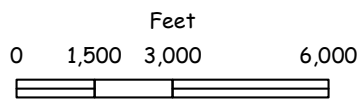


Map 8 Historic Sites Map



- Historically Significant Properties
- Building Footprints

December 2014
Data Sources:
Boxborough Planning Department
MassGIS



G. AGRICULTURAL RESOURCES

The town's active farms, expansive woodlands, and rural character are a direct reflection of its early settlement patterns. At its inception, Boxborough was a farming community. Boxborough farmers began transporting their crops in the 1800s to early 1900s to markets in Boston and Worcester. Fruit orchards and dairying were prevalent in Boxborough during the early half of the twentieth century. Gristmills, oil mills, and cider mills were located in town as a result of flax, wheat, and apple farming. Cooper shops and sawmills were also established to build barrels for crops grown and produced in Boxborough.

A few decades ago, Boxborough was frequently described as a rural community. However, there was a dramatic decrease in agriculture in the second half of the twentieth century, and large areas of agricultural land were developed. Today, as in much of Massachusetts, there is a strong interest in agriculture, as indicated by the following:

- MetroFuture, the Regional Master Plan prepared by MAPC, includes strategies for promoting agriculture planning within the region.
- Boxborough was one of eight communities that participated in the Comprehensive Agricultural Planning Program prepared by the MAGIC subregion of MAPC.
- Boxborough established an Agricultural Commission in 2008 and passed a Right to Farm Bylaw in 2012.
- The Town established a second community garden in 2010.
- Boxborough Grange #131 is active, one of 54 in Massachusetts.
- Boxborough holds an annual Harvest Fair.
- Two Boxborough landowners have placed Agricultural Preservation Restrictions (APRs) on their property to protect them permanently for agriculture.
- There are approximately 616 acres enrolled in Chapters 61 (forestry) and 61A (agriculture). These are lands that are taxed under the Massachusetts Current Use Tax Programs – Chapters 61, 61A, and 61B, which restrict the use of land in exchange for reduced tax assessments.
- The Town has worked with the New Entry Sustainable Farming Project to match landowners with farmers seeking land.
- The agricultural community has worked with the Conservation Commission to use goats to help control invasive plant species on Town-owned land.
- The Town helped to found the Acton-Boxborough Farmers Market in 2008.

The approximately 616 acres enrolled in Chapters 61 and 61A include the Ridge Hill Farm on Hill Road, the Richardson Farm on Middle Road, and George Krusen's farm on Littlefield Road. Other notable farms in town are Burroughs Farm on Burroughs Road, Bob Stanley's farm on Stow

Road, the Wetherbee Farm on Hill Road, Idylwilde Farm on Sargent Road, the former Pete's Farm on Massachusetts Avenue, and the Delano farm. These farms are indicators of Boxborough's agricultural viability, as well as its potential for future growth. Furthermore, the town's crown jewel, Steele Farm, is a prevalent reminder of the community's strong agricultural roots and its existing farming community.

Home and community gardening is thriving and becoming more prevalent, helping to maintain traditional rural values through local food production and connection to the land. A number of people in town have farms stands and there seems to be an increasing amount of small scale farming operations as well. The town continues to nurture its agrarian traditions in a modern high-tech world and it is believed this contributes positively to community values and the quality of life in Boxborough. It is envisioned that the Town will continue to promote and foster these traditional values through appropriate protection of land and practices for local food production.

Open expanses of non-farm land contribute to the town's rural feeling. Although commercial farming has declined for some time, Boxborough over the years has wisely taken steps to protect large parcels of land through acquisitions for conservation, recreation, and municipal uses. These open parcels of land comprise uplands, forests and meadows, wetlands, and water bodies. Boxborough is fortunate to have the Boxborough Conservation Trust (BCT), a private organization that actively supports land conservation and preservation. It is envisioned that, within the limits of affordability and the protection of land for conservation and recreation, agriculture will continue in the community.

H. ENVIRONMENTAL CHALLENGES

Hazardous Waste Sites – As with most communities, Boxborough has a number of hazardous waste sites. Most of these sites are considered non-priority by DEP and are being cleaned up by the private sector under Chapter 21E of the Massachusetts General Laws. There are currently 36 sites listed in the State's database that are in Boxborough. Approximately one-third of these are oil spills associated with gas stations, apartment buildings, and other commercial properties. These sites are listed in Appendix D.

Development Impact – Past, present, and future development all have an impact on the environment of Boxborough. Past developments may have been developed according to older zoning and environmental regulations which were less stringent than today's development standards. The present levels of impervious development contribute to stormwater runoff issues which affect the town's water bodies. Future development is most likely to be according to higher regulatory standards but can also be in locations that are less desirable for development since easily developed properties tend to be developed first. Development impacts include erosion and sedimentation, stormwater runoff, loss of wildlife habitat, and changes in the landscape character of the town.

Forestry Issues – According to Table 19 on page 31, Boxborough has 3,561 acres of forested land. The majority of the forested areas in Boxborough contain mixed hardwood and softwood forests, with tree heights ranging from 20 feet to 70 feet. Non-forested areas have been cleared for mining, farming, or land development, however, much of the land used historically for farming is now forested or developed. There is a Beech-Hemlock Grove located on the hill above Depot Road and Liberty Square Road and a mature stand of birch trees in the parcel of land donated to the Town by Anne Steele (The Birchwoods). There is also an impressive American Chestnut tree

within the right-of-way of Depot Road near Davidson Road. The Department of Public Works is responsible for undertaking tree work on Town land and ways. Due to the number of storms that cause extensive tree damage, the DPW maintains a record of ailing trees and schedules work to ensure that critical tree maintenance work is done to reduce the likelihood of roadway hazards. Along Town roads, the Boxborough DPW coordinates tree maintenance with the Littleton Electric Light Department which maintains the tree canopy around their power lines.

Vegetative Invasive Species – In 2005 the Mass Audubon Society Ecological Extension Service, prepared a report titled “Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, Massachusetts”. The report included a vegetative survey at eight Town-owned properties. Table 23 on page 37 showed the invasive species that were found. The Conservation Commission webpage has information about the most common invasive species including information about how to manage them.

Environmental Equity – Environmental equity refers to the distribution of open space in the community and whether there is a lack of resources in any particular area of the town. The majority of protected open space in Boxborough is conservation land with trails. These areas are well distributed throughout the town. There are only three key properties that are developed as parks with recreational facilities which are Flerra Meadows, Liberty Fields, and Fifer’s Field. Flerra Meadows is located south of Route 111 on Stow Road, Liberty Fields is north of Route 111 on Liberty Square Road, and Fifer’s Field is in northwestern Boxborough on Beaver Brook Road. If additional recreational facilities are developed in the future, consideration should be given to where current and future population growth is anticipated.

Landfills – There are currently no landfills in the Town of Boxborough. The Town’s former landfill on Codman Hill Road has been capped and is now the site of the Town’s transfer station where solid waste and recycling is collected and disposed of out of town.

Erosion – Erosion in Boxborough is primarily due to construction activity.

Sedimentation – Sedimentation is primarily caused by road runoff and construction related earth disturbances. These can be minimized by adherence to environmental regulations.

Chronic Flooding³ – There are 100-year floodplains found throughout Boxborough along the town’s waterways and extensive wetland areas. Flooding in Boxborough is occasional, usually within or near floodplain areas, mostly due to low-lying elevations. Damage may consist of flooding of basements or street flooding. In some areas of town, flooding occurs due to beaver activity or improperly functioning drainage infrastructure. Catch basins and detention basins that need to be cleaned out, on both public and private property, have caused localized flooding. The flooding incidents generally do not cause any significant problem, as much of the flooding is “nuisance” flooding, causing inconvenience but not significant damage. However, in some areas, contamination of wells can occur if septic systems are flooded and not functioning properly.

Further development in town can bring new impervious areas and more engineered drainage systems, which can result in the possibility of future flooding problems. Therefore, protection of open space and strong development controls will be necessary to mitigate against future flooding.

³ Town of Boxborough Hazard Mitigation Plan, November 2010, prepared by MAPC.

The following sites were identified by Town staff as areas that have experienced flooding in the past.

Old Harvard Road – This site at the end of Old Harvard Road near Eldridge Pond has experienced basement flooding and minor roadway flooding. A culvert was replaced in the area several years ago.

Barteau Lane/Hill Road – This site near Beaver Brook has experienced flooding due to beaver activity and has experienced septic and well contamination as a result.

Davidson Road – Davidson Road near Herons Pond has experienced flooding due to beaver activity. A culvert has been replaced at this location and the Town continues to monitor the area.

Herons Pond – Beavers at Herons Pond have caused flooded areas.

Littlefield Road – Flooding has occurred at Littlefield Road where it crosses Fort Pond Brook, causing the brook to overtop the road. This area is located within a floodplain.

Massachusetts Avenue – This area near Guggins Brook behind the Blanchard School has flooded as a result of beaver activity and has caused potential for contamination of nearby wells.

Applewood Village – The Applewood Village condominium complex, located along the eastern border of town, has experienced flooding and septic failure due to beaver activity in Acton conservation land. The Town of Acton has drained the pond with some success.

Codman Hill Road – This site near 60 Codman Hill has experienced flooding in the past due to beaver activity along Elizabeth Brook, but the beavers have since been trapped.

Development Impacts – Development impacts the natural environment in two key ways. New development can create erosion and sedimentation unless it is carefully regulated by the Town's Planning Department and Conservation Commission. It can also result in the destruction of wildlife habitat and the interruption of wildlife corridors.

Ground and Surface Water Pollution (point and non-point) – In the 2012 Town Report, the Board of Health noted several water quality concerns. The Board of Health and the Department of Environmental Protection are continuing to monitor groundwater contamination that was caused by a variety of chemicals including MTBE and perchlorate. In addition, there are very high concentrations of sodium in the western portion of town. There are also issues related to alkalinity, hardness, and sodium in many other areas of town.

Other Environmental Issues – A number of other environmental issues surfaced during meetings related to this Plan. These issues are generally outside the scope of traditional open space and recreation plans, but are valid concerns that deserve to be acknowledged. One of these issues was the rate of recycling in the town and whether the Plan should set a goal for recycling. Another was climate change and the sequestration of carbon. A third issue was the need to support pollinators such as bees in light of their importance to the overall ecological health of the town.

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SECTION V – OPEN SPACE, CONSERVATION, AND RECREATION LANDS

The first step in being able to make decisions about future needs for open space and recreation is to have an accurate accounting of existing lands. Table 26 is an inventory of all conservation, open space, and recreation lands, both publicly and privately owned. Information on ownership, management responsibility, level of protection, and a brief description of the property are part of this inventory. The areas shown in Table 26 are depicted on Map 10.

What is Open Space?

Open space has many different definitions and can mean different things to different people. What is considered open space in a suburban or rural community can be very different from what is considered open space in an urban community. The Open Space and Recreation Planner's Workbook defines open space as "conservation land, forested land, recreation land, agricultural land, corridor parks and amenities such as small parks, green buffers along roadways or any open area that is owned by an agency or organization dedicated to conservation". A broader definition of open space can and should include undeveloped land with conservation or recreation potential. Another very important way of looking at and defining open space relates to its status as protected or unprotected. The definition of open space used in this Plan is the broader definition.

Open space and parks are critical to the quality of life in a community and provide a wide range of benefits. Access to parks can contribute to public health, enhanced property values, and improved environmental quality including air quality, water quality, and the mitigation of urban heat island effects. Public health benefits include reducing the incidence of childhood obesity by providing safe places for kids to be active. They can also serve as important meeting places for neighbors to get to know one another.

How the Inventory and Map was Developed

The inventory of protected open space and the map was developed by the Town of Boxborough using tax assessment parcel data.

Levels of Protection

For planning purposes, it is important to be aware of the degree of protection for each parcel. Knowing the level of protection (or lack thereof) will point out how easily some properties we assume to be open space can be developed. This knowledge will help in identifying those open space and recreation areas that may need additional effort for their preservation and protection.

In order for the inventory to be included as an update to the Mass GIS database, the following designations regarding level of protection will be used.

Protected in Perpetuity – Mass GIS considers a parcel to be protected "In Perpetuity" if it is recorded in a deed or other official document. Land is considered protected in perpetuity if it is:

- Owned by the Conservation Commission.
- Subject to a conservation restriction in perpetuity.

- Owned by one of the State's conservation agencies (thereby covered by Article 97).
- Owned by a non-profit land trust.
- If the municipality received federal or State assistance for the purchase or improvement of the property.
- Private land with a deed restriction in perpetuity or a conservation restriction.

The Division of Conservation Services "Open Space and Recreation Planner's Workbook" also includes in this category land that is owned by the Parks and Recreation Department.

Temporary Protection – The Mass GIS definition is land that is legally protected for less than perpetuity (i.e. short term conservation restriction) or temporarily protected through an existing functional use. These lands, such as Chapter 61, 61A, or 61B properties, could be developed for other uses when their temporary protection expires or when their functional use is no longer necessary. In general, this includes all land owned by other municipal departments or commissions including school properties and lands managed by the Town for non-recreational purposes.

Limited – The Mass GIS definition of limited protection includes land that is protected by legal mechanisms other than those listed above or protected through functional or traditional uses. These lands might be protected by a requirement of a majority municipal vote for any change in status. This designation also includes lands that are likely to remain open space for other reasons (e.g. cemeteries and municipal golf courses).

None – This category includes land that is totally unprotected by any legal or functional means. This land is usually privately owned and could be sold without restriction at any time for another use.

Overview of Open Space

Conservation Commission – The Conservation Commission manages approximately 938 acres of land which are identified in Table 26. Many of these parcels have trails on them and the Boxborough Land Stewardship Committee (a subcommittee of the Boxborough Conservation Commission) publishes a trail guide with trail maps and information about each parcel.

Recreation Parcels – There are three key properties that are developed as parks with recreational facilities which are Flerra Meadows, Liberty Fields, and Fifer's Field. Flerra Meadows is located south of Route 111 on Stow Road, Liberty Fields is north of Route 111 on Liberty Square Road, and Fifer's Field is in northwestern Boxborough on land donated by the Cisco Systems, Inc. Additional details of these properties is provided in Table 26.

Boxborough Conservation Trust (BCT) – BCT is an all-volunteer non-profit trust dedicated to preserving undeveloped land in Boxborough. The Trust was created in 1997 and works with local land owners to explore opportunities for land conservation and sponsors educational programs for town residents on the resources and benefits of land protection. The BCT owns and manages several parcels of land in town (132 acres) including the Grady Property off of Sargent Road (20 acres), the Campbell Land off of Depot Road (25 acres), and the Beaver Brook Valley Preserve west of Interstate 495 (67 acres).

Agricultural Preservation Restrictions (APRs) – This is a State program which is intended to offer a non-development alternative to farmers and other owners of prime and state important

agricultural land. The program offers to pay farmland owners the difference between the fair market value and the agricultural value of their farmland in exchange for a permanent deed restriction which precludes any use of the property that will have a negative impact on its agricultural viability. There are two properties with one or more APRs in Boxborough. These are the Delano property on Hill Road (Wetherbee Lane) and Burroughs Farm on Burroughs Road, both of which are shown in Table 27 and Map 10. An APR is generally considered a specialized type of conservation restriction.

Conservation Restrictions – There are 371 acres of land with conservation restrictions. These properties are shown in Table 27 and Map 10.

Chapters 61, 61A, and 61B – There is a total of 746.89 acres enrolled in Massachusetts General Laws (MGL) Chapters 61, 61A, and 61B, representing approximately 11% of the town's land area. These properties are listed in Table 28 and displayed in Map 9. These are lands that are taxed under the Massachusetts Current Use Tax Programs – Chapters 61, 61A, and 61B, which restrict the use of land in exchange for reduced tax assessments. These are not permanent restrictions and must be applied for each year. The property owner incurs a penalty for most changes in use. For most sales, the Town holds a right of first refusal. Chapter 61 refers to managed forest land, Chapter 61A refers to agricultural land, and Chapter 61B refers to private recreation land. These lands offer scenic pastoral views of agricultural and productive woodlands. Some of the examples of the farms under this program are the Ridge Hill Farm owned by Ruth and Donald Morse on Hill Road, the Richardson Farm owned by Virginia Richardson on Middle Road, and George Krusen's Farm on Littlefield Road. These farms are indicators of Boxborough's agricultural viability, as well as its potential for growth. The land in Boxborough which is part of Minute Man Air Field is an example of private recreation land that is under Chapter 61B of the program and there are other properties in town which fall under Chapter 61 (managed forest land).

Lands of Open Space, Conservation, Agriculture, and Recreation Interest – The Town has identified 26 sites that it has deemed to have open space, conservation, agriculture, and recreation potential. These properties are listed in Table 29 and shown on Map 10 as Priority Parcels. Each of these properties has been reviewed by the Planning Board, the Conservation Commission, the Agricultural Commission, and the Recreation Commission. The Board of Health has provided input as well regarding water resources. The boards and commissions met separately at their respective regularly scheduled public meetings to begin selecting parcels based on their focused criteria and interest. The selected parcels from each group were compiled into a single list at which time each board and commission ranked the parcels high, medium, and low. Everyone once again came together at a public meeting to discuss the rankings and tried to come to a consensus on a single priority ranking. After some discussion, it was determined that the rankings by each board and commission would be retained instead of trying to develop a single priority ranking.

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Conservation Land											
Beaver Brook Meadows	61 Rear Meetinghouse Lane (08-042-000)	Town	Cons. Comm.	3.99	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Passive only	Land is in a natural state
Beaver Brook Meadows (Livermore Land)	125 Hill Road (08-024-000)	Town	Cons. Comm.	31.52	Town and State (Local Acquisitions for Natural Diversity Program)	Agricultural-Residential	Article 97	Yes	The hay fields are being mowed to prevent reversion to forest	Used for passive recreation; one walking trail	Land is in a natural state
Beaver Brook Meadows (Whitcomb Land)	397 Hill Road (08-034-000)	Town	Cons. Comm.	0.41	Gift of Land	Agricultural-Residential	Article 97	Connects to Livermore Land	Land with trail	Passive only	Land is in a natural state
Biotti Land	88 Joseph Road (10-086-000)	Town	Cons. Comm.	7.01	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet	No	Land is in a natural state
Biotti Land	230 Joseph Road (10-074-000)	Town	Cons. Comm.	0.36	Gift of Land	Agricultural-Residential	Article 97	Unknown	Trail	Passive Only	Land is in a natural state
Colonial Ridge	15, 41, and 52 Colonial Ridge Drive and 99 Rear Liberty Square Road (05-096-000, 05-094-000, 05-098-000, and 05-116-000)	Town	Cons. Comm.	12.81	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Passive only	Land is in a natural state
Deck House Lot	98 Stonehedge Place (20-057-000)	Town	Cons. Comm.	0.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Lot donated to Town by Deck House	Passive only	Land is in a natural state
DiBiase Land	100 Liberty Square Road (15-007-000)	Town	Cons. Comm.	6.11	Gift of Land	Agricultural-Residential	Article 97	Yes	Adjacent to Hager land. Guggins Brook runs through parcel. Old mill site and hemlock grove	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Flagg Hill	45 and 60 Windemere Drive (20-019-000 and 20-013-000)	Town	Cons. Comm.	67.21	Town	Agricultural-Residential	Article 97	Pond areas purchased as conservation land	Good views, pond, vernal pools, variety of habitat	Passive only	Land is in a natural state
Flag Hill (Morey)	140, 180, and 232 Windemere Drive (20-014-000, 20-017-000, and 20-018-000)	Town	Cons. Comm.	4.79	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Passively only	Land is in a natural state
Flerra Meadows	338 Stow Road (19-133-000)	Town	Cons. Comm.	35.43	Town and State (Local Acquisitions for Natural Diversity Program)	Agricultural-Residential	Article 97	Yes	Meadow (wildlife habitat), 5 acres active recreation, one soccer field, one baseball field, ½ mile jogging trail, playground, dirt road, and parking	Mostly passive but 5 acres is also used for active recreation managed between the Cons. Comm. and Rec. Comm.	Excellent
Hager Meadow (Elizabeth White Land)	45 and 45 Rear School House Lane (04-023-000 and 04-027-000)	Town	Cons. Comm.	28.52	Gift of Land	Agricultural-Residential	Article 97	Yes	Fields and woodland, hiking trail	Passive only	Land is in a natural state with walking trails
Half Moon Meadow	180, 180 Rear, and 270 Sargent Road and 318 Rear Reed Farm Road (11-023-000, 11-027-000, 11-028-000, and 11-029-000)	Town	Cons. Comm.	38.09	Town, State (Local Acquisitions for Natural Diversity Program), and donations	Agricultural-Residential	Article 97	Entrances on Sargent Road and Reed Farm Road	Meadow with walking trail. The trail crosses a stream on an old stone bridge	Used for passive recreation; trails	Land is in a natural state with walking trails
Half Moon Meadow (Jenks and Perkins)	234 Reed Farm Road (11-031-000)	Town	Cons. Comm.	4.91	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Half Moon Meadow (Sudbury Valley)	336 and 354 Sargent Road (10-136-000 and 10-134-000)	Town	Cons. Comm.	1.84	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet, may provide future linkage	Passive only	Land is in a natural state
Hartwell Land	665 Liberty Square (10-008-000)	Town	Cons. Comm.	10.34	Gift of Land	Agricultural-Residential	Article 97	Yes	Wildlife sanctuary. Cut A Cord program held here	Passive only	Land is in a natural state
Have Not Pond (Brooks Land)	115 Side School House Lane (03-017-000)	Town	Cons. Comm.	0.53	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Passive only	Land in in a natural state
Have Not Pond (Delano)	670 Hill Road (03-018-000)	Town	Cons. Comm.	21.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Land abuts Fisk land and Betty White land	Passive only	Land is in a natural state
Have Not Pond (Delano)	115 and 115 Rear School House Lane and 670 Rear Hill Road (03-025-000, 03-019-000, and 03-016-000)	Town	Cons. Comm.	6.22	Gift of Land	Agricultural-Residential	Article 97	Connects to Hager land	Contains trail	Passive only	Land is in a natural state
Have Not Pond (Fisk Land)	110 Rear Barteau Lane (08-087-000)	Town	Cons. Comm.	16.19	Gift of Land	Agricultural-Residential	Article 97	Yes	Trails for hiking and cross country skiing, abuts High Pasture open space	Passive only	Land is in a natural state with trails
Have Not Pond (High Pastures Land)	95 and 95 Rear Barteau Lane and 394 Hill Road (08-059-000, 08-058-000, and 08-051-000)	Town	Cons. Comm.	24.14	Gift of Land	Agricultural-Residential	Article 97	Yes	Land abuts Fisk land, Delano land, and Hager land. Contains ponds and fields	Passive only	Land is in a natural state
Heath Hen Meadow	115 Rear Hager Lane (19-007-000)	Town	Cons. Comm.	7.14	Gift of Land	Agricultural-Residential	Article 97	Connects to Flannery land	Mostly wet	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Heath Hen Meadow (Flannery)	786 Burroughs Road (19-006-000)	Town	Cons. Comm.	20.49	Gift of Land	Agricultural-Residential	Article 97	Yes	Land gift from Northwest Structures	Passive only	Land is in a natural state
Heath Hen Meadow (Flannery Land)	177 Rear Tamarack Lane (19-009-000)	Town	Cons. Comm.	20.30	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet	No	Land is in a natural state
Heath Hen Meadow (Sylvan Springs)	44 Rear Robinson Road (18-110-000)	Town	Cons. Comm.	5.03	Gift of Land	Agricultural-Residential	Article 97	Access through a pedestrian easement off of Mayfair Drive	Mostly wet	Passive only	Land is in a natural state
Hilberg Land	1164 Rear Hill Road (02-011-000)	Town	Cons. Comm.	10.59	Gift of Land	Industrial-Commercial and Agricultural-Residential	Article 97	No	Upland, land locked parcel	Passive only	Land is in a natural state
Indian Meadow (Barker Place)	234A Depot Road (05-058-000)	Town	Cons. Comm.	2.53	Gift of Land	Agricultural-Residential	Article 97	Yes	Passive recreation, mostly wetlands, connects to other conservation land	Used for passive recreation	Land is in a natural state
Indian Meadow (Rubin Land)	535 Liberty Square Road (10-157-000)	Town	Cons. Comm.	10.82	Gift of Land	Agricultural-Residential	Article 97	Yes	Passive recreation. One rudimentary trail	Used for passive recreation	Land is in a natural state
Indian Meadow (Dawson Land)	535 Rear Liberty Square Road (10-194-000)	Town	Cons. Comm.	23.04	Gift of Land	Agricultural-Residential	Article 97	Yes	Wildlife habitat	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Indian Meadow (Potts Land)	398 Rear Depot Road (05-067-000)	Town	Cons. Comm.	11.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Some upland area. Linkage between other conservation parcels	Passive only	Land is in a natural state
Jenks	10 and 351 Rear Littlefield Road (11-048-000 and 11-039-000)	Town	Cons. Comm.	1.23	Gift of Land	Industrial-Commercial	Article 97	Through Reeds Farm Subdivision	Strip of land between Acton and Boxborough; connects to Reed Farm II subdivision	Passive only	Land is in a natural state
Patch Hill	15 Patch Hill Road and 685 Rear Depot Road (10-025-000 and 10-017-000)	Town	Cons. Comm.	2.41	Town, State (Local Acquisitions for Natural Diversity Program), donations, Boxborough Conservation Trust	Agricultural-Residential	Article 97	Yes	Land abuts the Patch Hill conservation parcel	Passive only	Land is in a natural state
Patch Hill (Atwood)	575 Depot Road (10-009-000)	Town	Cons. Comm.	16.70	Gift of Land	Agricultural-Residential	Article 97	Yes	Trails; third highest point in Boxborough	Passive only	Land is in a natural state
Patch Hill (Atwood and Birchwoods)	989 Rear Hill Road (04-055-000)	Town	Cons. Comm.	5.17	Gift of Land	Agricultural-Residential	Article 97	Yes	Contains birch stand. Connects to Robinson land	Passive only	Land is in a natural state
Patch Hill (Panek, Richards, and Howe)	838, 838 Rear and 928 Liberty Square Road, 120 Rear Avebury Circle, and 107 Tokatawan Spring Lane (10-001-000, 04-088-000, 04-087-000, 09-135-000, and 04-050-000)	Town	Cons. Comm.	112.31	Town, State (Local Acquisitions for Natural Diversity Program), and Boxborough Conservation Trust	Agricultural-Residential	Article 97	Yes	Largest piece of contiguous upland open space	Passive Only	Land is in a natural state with walking trails

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Patch Hill (Robinson Land)	1011 Hill Road (04-060-000)	Town	Cons. Comm.	64.58	Town and State (Local Acquisitions for Natural Diversity Program)	Agricultural-Residential	Article 97	Yes	Mostly woodland with small field. Contains part of the old carriage road	Used for hiking and cross-country skiing	Land is in a natural state
Patch Hill (Silbury Hills)	86 Rear Avebury Circle (09-136-000)	Town	Cons. Comm.	4.63	Gift of Land	Agricultural-Residential	Article 97	Yes	Wildlife habitat	Passive only	Land is in a natural state
Pettingel Park	600 Rear Beaver Brook Road (03-007-000)	Town	Cons. Comm.	11.05	Gift of Land	Office Park	Article 97	This land is currently accessible by foot with difficulty through the Nature Conservancy land. Cisco land has easement for trail access	Wildlife habitat	None; land is very wet	Land is in a natural state and very wet
Rolling Meadows	286, 314, and 342 Littlefield Road (06-014-000, 06-016-000, and 06-015-000)	Town	Cons. Comm.	35.32	Town	Agricultural-Residential	Article 97	Yes	Open field, stream for fishing	Passive only	Land is in a natural state
Rolling Meadows (B&M Railroad)	95 Rear Sargent Road (11-004-000)	Town	Cons. Comm.	6.68	Gift of Land	Agricultural-Residential	Article 97	Yes	Connects to Rolling Meadows Land	Passive only	Land is in a natural state
Wolf Swamp (Hines)	1414 Rear Massachusetts Avenue (13-023-000)	Town	Cons. Comm.	4.80	Gift of Land	Office Park and Agricultural-Residential	Article 97	Yes	Runs along west side of Wolf Swamp	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Wolf Swamp	1150 Burroughs Road and 1414 Rear Massachusetts Avenue (13-024-000 and 13-023-000)	Town	Cons. Comm.	207.08	State (Local Acquisitions for Natural Diversity Program)and Town	Office Park and Agricultural-Residential	Article 97	Trail with access off Old Harvard Road	Wet and wild swamp, good blueberries	Passive only	Land is in a natural state
Wolf Swamp (Kaufmann)	341 Hazard Lane (17-021-000)	Town	Cons. Comm.	8.80	Gift of Land	Office Park	Article 97	Yes	Mostly wet, little upland	Passive only	Land is in a natural state
Wolf Swamp (Sudbury Valley Trustees)	328 Hazard Lane (18-002-000)	Town	Cons. Comm.	22.07	Gift of Land	Office Park	Article 97	Yes	Land abuts the Wolf Swamp Conservation Land	Passive only	Land is in a natural state
Total Conservation Land				938.10							
Open Space Land											
Beaver Brook Valley Preserve	500 Rear Beaver Brook Road (03-015-000)	Box. Cons. Trust	Box. Cons. Trust	4.0	N/A	Office Park	None	No	Wooded with wetlands	Passive Only	Land is in a natural state
Beaver Brook Valley Preserve	700 Rear Beaver Brook Road (03-006-000)	Box. Cons. Trust	Box. Cons. Trust	23.0	N/A	Office Park	None	Yes	Wooded with wetlands	Passive Only	Land is in a natural state
Beaver Brook Valley Preserve	900 Rear Beaver Brook Road (03-005-000)	Box. Cons. Trust	Box. Cons. Trust	14.3	N/A	Office Park	None	Yes	Wooded with wetlands	Passive Only	Land is in a natural state
Beaver Brook Valley Preserve	900A Rear Beaver Brook Road (03-003-000)	Box. Cons. Trust	Box. Cons. Trust	26.0	N/A	Office Park	None	Yes	Wooded with wetlands	Passive Only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Campbell Land	940 Depot Road (09-104-000)	Box. Cons. Trust	Box. Cons. Trust	24.78	N/A	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
Community Gardens	296 Middle Road (09-045-000)	Town	Town	41.96	Town	Agricultural-Residential and Business	None	Yes	Contains Middle Road Community Garden, trails, parking , and trail head	Passive only	Primarily undevelop.
Hager Land	427 Massachusetts Avenue and 120 Rear Cobleigh Road (15-001-000 and 10-063-000)	Town	Town	99.71	Town	Agricultural-Residential and Business	None	Yes	Contains the Sargent Memorial Library, trails, parking, and wireless tower	Passive only	Primarily undevelop.
Half Moon Meadow	280 Sargent Road (10-140-000)	Box. Cons. Trust	Box. Cons. Trust	1.0	N/A	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
Half Moon Meadow	336 Rear Sargent Road (10-139-000)	Box. Cons. Trust	Box. Cons. Trust	20.0	N/A	Agricultural-Residential	None	Yes	Wooded with wetlands	Passive only	Land is in a natural state
Half Moon Meadow Brook	40 Littleton Road (06-002-000)	Sud. Valley Trust.	Sud. Valley Trust.	2.76	N/A	Agricultural-Residential	None	Yes	Meadow with wooded area	Passive only	Primarily undevelop.
Land Adjacent to Transfer Station	438, 550A, 550B, 550C, and 580 Codman Hill Road (12-014-000, 17-003-000, 12-016-000, 12-015-000, and 17-001-000)	Town	Town	24.0	Town	Industrial-Commercial	None	No	Mostly wetlands	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Liberty Square Road and Reed Farm Road	117 Liberty Square Road, 40, 51, 67, & 241 Reed Farm Road (15-060-000, 15-041-000, 15-056-000, 15-055-000, and 15-054-000)	Town	Town	50.53	Tax Title	Agricultural-Residential and Business	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	244C Adams Place (12-029-000)	Town	Town	6.0	Tax Title	Office Park	None	No	Wooded	Passive only	Land is in a natural state
None	10 and 25 Cedarwood Road (15-149-000 and 15-157-000)	Town	Town	1.47	Town	Agricultural-Residential	None	No	Wooded with a retention basin	Passive only	Primarily undevelop.
None	381 Codman Hill Road (12-020-000)	Town	Town	3.34	Tax Title	Industrial-Commercial	None	No	Wooded	Passive only	Primarily undevelop.
None	190 Davidson Road (05-024-000)	Town	Town	3.35	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	151 Depot Road (05-051-000)	Comm. of Mass.	Comm. of Mass.	19.2	N/A	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	151 Rear Depot Road (05-042-000)	Comm. of Mass.	Comm. of Mass.	0.24	N/A	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
None	1035 Depot Road (09-110-000)	Town	Town	1.15	Gift of Land	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	572 Depot Road (10-179-000)	Town	Town	0.92	Tax Title	Agricultural-Residential	None	No	Wooded with waterways	Passive only	Land is in a natural state
None	95 Rear Hager Lane (19-008-000)	Town	Town	5.23	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
None	1499 Hazard Lane (17-013-000)	Town	Town	5.47	Tax Title	Office Park	None	No	Wetlands	Passive only	Land is in a natural state
None	213 Liberty Square Road (15-037-000)	Town	Town	0.29	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	49 Massachusetts Avenue (15-069-000)	Town	Town	4.09	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	84 Massachusetts Avenue (15-080-000)	Town	Town	1.0	Tax Title	Business	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	405 Middle Road (09-084-000)	Town	Town	0.92	Tax Title	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
None	5 A Rear Monarch Drive (02-005-000)	Box. Cons. Trust	Box. Cons. Trust	6.06	N/A	Office Park	None	No	Wooded with wetlands	Passive only	Land is in a natural state
None	38 Nashoba Drive (05-108-000)	Town	Town	0.17	Tax Title	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
None	498 and 500 Robinson Road (18-045-000 and 18-056-000)	Town	Town	1.13	Donation	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
None	354 Rear Sargent Road (10-135-000)	Town	Town	2.42	Tax Title	Agricultural-Residential	None	Yes	Meadow with walking trail	Used for passive recreation; trails	Land is in a natural state
None	150 Tokatawan Spring Lane (04-058-000)	Town	Town	0.15	Tax Title	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
North Cemetery	450 Hill Road (08-049-000)	Town	Cem. Comm.	0.92	Town	Agricultural-Residential	None	Yes	Cemetery	Passive only	Historic burial ground

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Old Town Center	608 Middle Road (08-037-000)	Town	Town	0.59	Town	Agricultural-Residential	None	No	Grassland with large trees	Passive only	Former Town Center
Patch Hill	112 Rear Prescott Road (09-141-000)	Box. Cons. Trust	Box. Cons. Trust	13.04	N/A	Agricultural-Residential	None	No	Wooded	Passive only	Land is in a natural state
Picnic Street Trust	420 Middle Road (09-038-000)	Town	Town	16.7	Tax Title	Agricultural-Residential and Business	None	Yes	Contains trails that connect Steele Farm and Community Gardens	Passive only	Primarily undevelop.
Picnic Street Trust	414 Middle Road (09-039-000)	Town	Town	7.95	Tax Title	Agricultural-Residential and Business	None	Yes	Wooded with wetlands	Passive only	Primarily undevelop.
South Cemetery	420 Burroughs Road (14-070-000)	Town	Cem. Comm.	6.67	Town	Agricultural-Residential	None	Yes	Cemetery	Passive only	Active burial ground
Steele Farm	484 Middle Road (09-036-000)	Town	Steele Farm Adv. Comm.	36.19	Town	Agricultural-Residential and Business	Cons./Historical Pres. Restriction	Yes	Meadow with walking trails, trail head, and parking. Use of land is subject to management plan	Passive only	Primarily undevelop.
Total Open Space Land				476.70							
Recreation Land											
Fifer's Field	900 Beaver Brook Road (01-012-000)	Town	Town	9.97	Donation	Office Park	Perpetuity	Yes	Soccer field	Active recreation	Excellent

Table 26
Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Liberty Fields	1066R, 1082, 1096, 1110, 1124, and 1140 Liberty Square Road (04-070-000, 04-082-000, 04-081-000, 04-080-000, 04-079-000, and 04-078-000)	Town	Rec. Comm.	26.73 (8.5 active)	Town	Agricultural-Residential	None	Yes	Ball fields, picnic tables, bocce	Active recreation	Active and passive recreation. Excellent condition
Total Recreation Land				36.7							

Table 27
Conservation, Open Space, Agricultural, and Historical Restrictions

Site Name	Fee Owner(s)	Owner Type	Public Access	Conservation Restriction Holder(s)	Acreage	Date Book/Page (Parcel ID)
Wolf Swamp Conservation Area	Paul D'Orazio Laurie Love	Private	No	Town of Boxborough Conservation Commission	3.0	08/13/99 30543/139 (18-004-000 and 18-005-000)
Patch Hill Conservation Area	Boxborough Conservation Commission	Municipal	Yes	Boxborough Conservation Trust / Harvard Conservation Trust	11.49	06/07/02 35636/333 (04-088-000)
Patch Hill Conservation Area	Boxborough Conservation Commission	Municipal	Yes	Boxborough Conservation Trust / Harvard Conservation Trust	39.59	06/07/02 35636/333 (04-087-000)
Walnut Farm / Have-Not- Pond Conservation Area	Margaret L. Delano	Private	No	Farm Bureau Agricultural Preservation Corporation	3.68	12/29/09 54071/406 2009/910 (Plan) (08-088-000)
Walnut Farm / Have-Not- Pond Conservation Area	Margaret L. Delano	Private	No	Farm Bureau Agricultural Preservation Corporation	19.76	12/29/09 54071/406 2009/910 (Plan) (08-088-000)
Colonial Ridge	Peter Faubert David Castro Sanjay Mistry Russell Holden	Private	Limited (Trail Easement)	Town of Boxborough Conservation Commission	5.49	01/09/01 32221/369 (05-099-000, 05- 100-000, 05-104- 000, and 05-105- 000)
Towermarc Business Park	Cisco Systems, Inc.	Private	No	Town of Boxborough Conservation Commission	54.96	09/06/00 31793/464 2000/989 (Plan) (03-002-000)
Towermarc Business Park	Cisco Systems, Inc.	Private	No	Town of Boxborough Conservation Commission	5.11	09/06/00 31793/464 2000/989 (Plan) (03-001-000)
Towermarc Business Park	Cisco Systems, Inc.	Private	Yes	Town of Boxborough Conservation Commission	39.0	09/06/00 31793/448 2000/989 (Plan) (03-001-000)

Table 27
Conservation, Open Space, Agricultural, and Historical Restrictions

Site Name	Fee Owner(s)	Owner Type	Public Access	Conservation Restriction Holder(s)	Acreage	Date Book/Page (Parcel ID)
Towermarc Business Park	Cisco Systems, Inc.	Private	No	Town of Boxborough Conservation Commission	14.48	05/29/01 32944/491 2001/493 (Plan) (03-002-000)
Towermarc Business Park	Cisco Systems, Inc.	Private	Yes	Town of Boxborough Conservation Commission	10.14	05/29/01 32944/491 2001/493 (Plan) (03-010-000)
Towermarc Business Park	Cisco Systems, Inc.	Private	Yes	Town of Boxborough Conservation Commission	20.34	05/29/01 32944/491 2001/493 (Plan) (08-004-000 and 08-006-000)
Steele Farm	Town of Boxborough	Municipal	Yes	Boxborough Historical Society / The Trustees of Reservations	36.19	07/18/13 62267/1 (09-036-000)
Fort Pond Brook	Piedmont Oper. Partnership TR Boxborough Corp.	Private	Yes	Town of Boxborough Conservation Commission	55.4	02/17/99 Land Court 1148/174 L.C. Doc.# 1097183 1999/151 (Plan) (06-021-000 and 11-054-000)
Fort Pond Brook	Piedmont Oper. Partnership TR Boxborough Corp.	Private	Yes	Town of Boxborough Conservation Commission	5.09	12/20/01 34372/523 (06-021-000 and 11-054-000)
Burroughs Farm	Bryon Clemence Paul Clemence David Gorzocoski	Private	No	Commonwealth of Massachusetts	37.39	5/4/01 32808/69 (19-153-000)
Burroughs Farm	Bryon Clemence Paul Clemence David Gorzocoski	Private	No	Equity Trust, Inc.	9.53	6/29/01 33171/157 Amended on 9/9/04 43686/368 (19-154-000)
				Total Acreage with Restrictions	370.64	

Table 28
Lands Enrolled in Chapter 61, 61A, and 61B

PARCEL ID	OWNER	AREA IN ACRES	CHAPTER STATUS	LOCATION
01-002-000	HARVARD SPORTSMENS CLUB, INC	49.54	61	260 REAR LITTLETON COUNTY RD
01-005-000	HARVARD SPORTSMENS CLUB, INC	4.30	61	995 REAR BEAVER BROOK RD
02-001-000	HARVARD SPORTSMENS CLUB, INC	3.33	61	300 REAR LITTLETON COUNTY RD
02-002-000	HARVARD SPORTSMENS CLUB, INC	11.91	61	5 REAR MONARCH DR
02-004-000	HARVARD SPORTSMENS CLUB, INC	13.96	61	1 REAR MONARCH DR
04-001-000	D & R MORSE LAND TRUST LLC, TR / MORSE RIDGE HILL REALTY TRUST	27.02	61A	900B REAR BEAVER BROOK RD
04-002-000	HARVARD SPORTSMENS CLUB, INC	6.90	61	1098 REAR HILL RD
04-007-000	HUGEL MARGUERITE	12.52	61B	1178 HILL RD
04-009-000	LEONARD MICHAEL D. / LEONARD DENISE A.	11.71	61	1164 HILL RD
04-018-000	D & R MORSE LAND TRUST LLC, TR / MORSE RIDGE HILL REALTY TRUST	47.00	61A	912 HILL RD
04-022-000	MORRISON BRIAN A. / MORRISON ANASTASIA C.	6.89	61A	828 HILL RD
04-046-000	D & R MORSE LAND TRUST LLC, TR / MORSE RIDGE HILL REALTY TRUST	5.71	61A	947HILL RD
04-059-000	SINGER ISADORE M. / SINGER ROSEMARIE K.	24.35	61B	989 HILL RD
04-071-000	MADGE LESLIE SLEEPER, TRUSTEE / C/O LORNA RUSH	10.89	61A	1146 LIBERTY SQ RD
05-008-000	PARSONS WAYNE R. / PARSONS ELIZABETH A. KENNEDY	11.39	61	1033 LIBERTY SQ RD
05-054-000	KRUSEN GEORGE C. II / KRUSEN BETSEY M.	15.03	61A	69 DEPOT RD
05-055-000	KRUSEN GEORGE C II / KRUSEN BETSEY M.	30.00	61A	88 DEPOT RD
05-059-000	KRUSEN GEORGE II	7.75	61A	234 REAR DEPOT RD
05-060-000	KRUSEN GEORGE C. II / KRUSEN BETSEY M.	0.50	61A	234 B REAR DEPOT RD
06-007-000	KRUSEN GEORGE C. II / KRUSEN BETSEY M.	19.25	61A	355 LITTLEFIELD RD
08-025-000	FOX LESLIE/GLADYS, TRUSTEES / WETHERBEE FARMS REALTY CO	15.87	61A	187 HILL RD
08-088-000	DELANO MARGARET L.	26.67	61A	604 HILL RD
09-046-000	RICHARDSON VIRGINIA B.	18.57	61A	276 MIDDLE RD

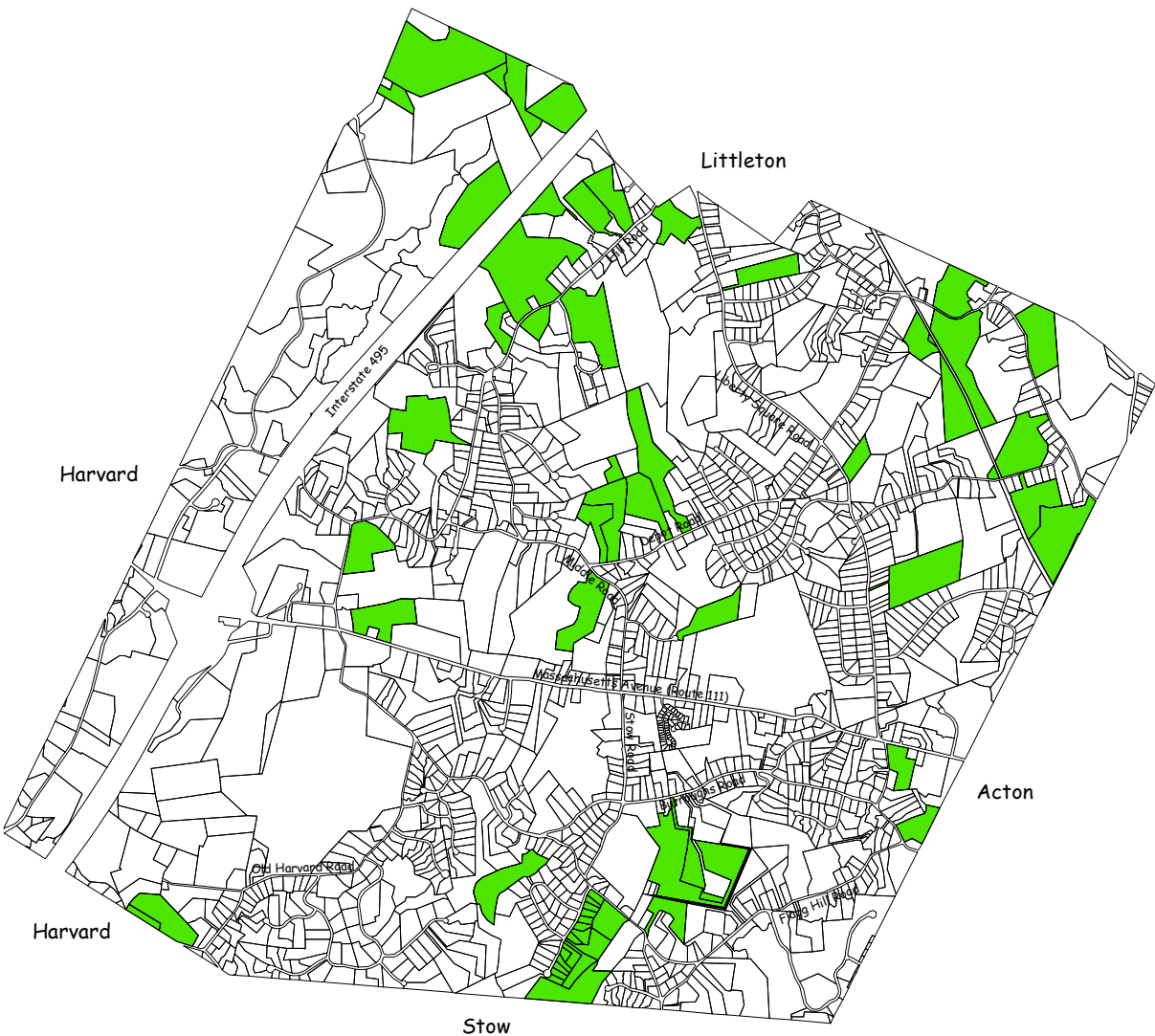
Table 28
Lands Enrolled in Chapter 61, 61A, and 61B

PARCEL ID	OWNER	AREA IN ACRES	CHAPTER STATUS	LOCATION
09-089-000	VELEY HUGH ARDEN, TR / VELEY NINA G., TR	8.27	61B	1055 DEPOT RD
09-109-000	VELEY ARDEN / VELEY NINA G.	16.01	61	1043 DEPOT RD
09-116-000	RICHARDS MATTHEW / RICHARDS SOLANGE M.	16.09	61A	961 DEPOT RD
09-118-000	WILBERT MATTHEW M. / WILBERT DEBORAH J.	25.79	61	875 DEPOT RD
09-133-000	VELEY ARDEN / VELEY NINA G.	3.00	61	1043 REAR DEPOT RD
10-119-000	KULARSKI CHRISTOPHER J. / KULARSKI ANNA M.	30.09	61B	297 LIBERTY SQ RD
10-187-000	VORCE KATHLEEN A.	5.42	61A	555 LIBERTY SQ RD
10-196-000	KRUSEN GEORGE C. II / KRUSEN BETSEY M.	14.50	61A	88 REAR DEPOT RD
11-003-000	CAMPBELL PHYLLIS E.	0.83	61	105 SARGENT RD
11-005-000	CAMPBELL PHYLLIS E.	20.52	61	95 SARGENT RD
11-020-000	SPRING RIVER FARM LLC	15.40	61A	142 SARGENT RD
11-049-000	NAPOLI THOMAS F S. / NAPOLI KATHARINE L S.	25.38	61A	10 LITTLEFIELD RD
13-010-000	GRAVLIN LINDA J., TRUSTEE / CANN REALTY TRUST	16.30	61A	1197 MASS AVE
14-178-000	FOLLETT DAVID R. / FOLLETT PAMELA L.	12.49	61A	120 COBLEIGH RD
15-083-000	VORCE RAYMOND M., JR. / C/O RAYMOND VORCE III	7.60	61A	126 MASS AVE
17-014-000	HOFFMAN LINDA	2.40	61A	38 REAR ELDRIDGE RD
17-015-000	HOFFMAN LINDA	14.76	61A	38 ELDRIDGE RD
19-010-000	MORAN PATRICK / MORAN HARRIET M.	17.12	61	94 CHESTER RD
19-066-000	MINUTE MAN AIR FIELD, INC	15.24	61B	535 REAR STOW RD
19-068-000	MINUTE MAN AIR FIELD, INC	0.92	61B	192 TAMARACK LN
19-069-000	MINUTE MAN AIR FIELD, INC	0.95	61B	178 TAMARACK LN
19-070-000	MINUTE MAN AIR FIELD, INC	0.95	61B	164 TAMARACK LN
19-071-000	MINUTE MAN AIR FIELD, INC	0.95	61B	150 TAMARACK LN
19-072-000	MINUTE MAN AIR FIELD, INC	0.92	61B	134 TAMARACK LN
19-073-000	MINUTE MAN AIR FIELD, INC	1.84	61B	126 TAMARACK LN
19-074-000	MINUTE MAN AIR FIELD, INC	4.60	61B	120 TAMARACK LN
19-075-000	MINUTE MAN AIR FIELD, INC	5.40	61B	114 TAMARACK LN
19-076-000	MINUTE MAN AIR FIELD, INC	0.92	61B	106 TAMARACK LN
19-077-000	MINUTE MAN AIR FIELD, INC	1.84	61B	92 TAMARACK LN

Table 28
Lands Enrolled in Chapter 61, 61A, and 61B

PARCEL ID	OWNER	AREA IN ACRES	CHAPTER STATUS	LOCATION
19-078-000	MINUTE MAN AIR FIELD, INC	0.99	61B	80 TAMARACK LN
19-079-000	MINUTE MAN AIR FIELD, INC	0.92	61B	66 TAMARACK LN
19-080-000	MINUTE MAN AIR FIELD, INC	0.93	61B	54 TAMARACK LN
19-081-000	MINUTE MAN AIR FIELD, INC	0.93	61B	38 TAMARACK LN
19-082-000	MINUTE MAN AIR FIELD, INC	0.93	61B	22 TAMARACK LN
19-083-000	MINUTE MAN AIR FIELD, INC	1.14	61B	8 TAMARACK LN
19-084-000	MINUTE MAN AIR FIELD, INC	7.80	61B	505 STOW RD
19-128-000	SUTCLIFFE WILLIAM M. / SUTCLIFFE EILEEN C.	7.90	61A	540 STOW RD
19-153-000	CLEMENCE BRYON & PAUL / GORZOCOSKI DAVID	40.51	61A	360 BURROUGHS RD
19-154-000	CLEMENCE BRYON & PAUL / GORZOCOSKI DAVID	9.53	61A	374 BURROUGHS RD
20-046-000	LANDRY RUTH L, TRUSTEE / 213 SUMMER ROAD REALTY TRUST	7.75	61B	144 SUMMER RD
	TOTAL ACREAGE	746.89		

Map 9
Lands in Chapter 61, 61A, and 61B



Chapter Land in FY2015

December 2014
Data Sources:
Boxborough Planning Department
MassGIS

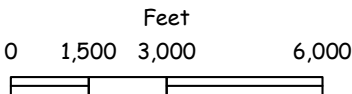


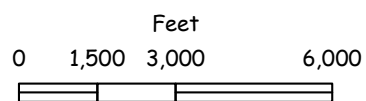
Table 29 Private Lands of Open Space, Conservation, Agriculture, and Recreation Interest (Priority Parcels)				
#	Parcel ID	Acres	Location	Open Space, Conservation, Agriculture, and Recreation Potential
1	04-018-000, 04-012-000, and 04-002-000	47, 6.24, and 6.9	912, 1096 Rear, and 1098 Rear Hill Road	Agricultural, vistas (PB); vista, habitat connectivity (Cons Comm); active agriculture (Ag Comm); water supply (BoH)
2	13-034-000	11.8	3 Old Harvard Road	Agricultural, vistas (PB); meadow, habitat, vista (Cons Comm); active agricultural (Ag Comm)
3	14-020-000 and 14-001-000	6.44 and 6.16	881 and 975 Massachusetts Avenue	Water resources, trail head parking (PB); water resources, habitat, trail connectivity (Cons Comm); water supply (BoH)
4	06-007-000	19.2	355 Littlefield Road	Agricultural, vistas (PB); habitat (Cons Comm); active agriculture (Ag Comm)
5	05-054-000, 05-055-000, 10-196-000, 05-059-000, and 05-060-000	15.03, 7.75, 0.5, 30, and 14.5	69, 88, 88 Rear, 234 Rear, and 234B Depot Road	Habitat corridor, trail connectivity (Cons Comm); active agriculture (Ag Comm)
6	11-005-000 and 11-003-000	20.5 and 0.83	95 and 105 Sargent Road	Tennis and basketball court, habitat corridor (PB); habitat, connectivity (Cons Comm); active forestry (Ag Comm)
7	09-046-000	18.5	276 Middle Road	Water resources, active recreation (PB); water resources, agriculture, woodland (Cons Comm); agricultural opportunity (Ag Comm); water supply (BoH)
8	14-046-000	57.78	700 Massachusetts Avenue	Some portion of a comprehensive development to contain active recreation facilities (PB); agricultural opportunity (Ag Comm)
9	10-119-000	30.09	297 Liberty Square Road	Habitat, connectivity (Cons Comm); agricultural opportunity (Ag Comm); water supply (BoH)
10	04-043-000	19.6	807 Hill Road	Habitat, connectivity (Cons Comm); active agriculture (Ag Comm)

Table 29 Private Lands of Open Space, Conservation, Agriculture, and Recreation Interest (Priority Parcels)				
#	Parcel ID	Acres	Location	Open Space, Conservation, Agriculture, and Recreation Potential
11	04-059-000	24.3	989 Hill Road	Habitat, trail connectivity (Cons Comm); agricultural opportunity (Ag Comm)
12	13-010-000	16.3	1197 Massachusetts Avenue	Agriculture, connectivity (Cons Comm); active agriculture (Ag Comm)
13	19-010-000	17.5	94 Chester Road	Habitat, connectivity (Cons Comm); active forestry (Ag Comm)
14	10-083-000, 10-082-000, 10-080-000, and 10-081-000	5.03, 3.21, 5.87, and 3.03	23, 37, 48, and 52 Loreto Drive	Rare species , habitat, vernal pools, potential trail connectivity (Cons Comm)
15	11-049-000 and 11-020-000	25.3 and 15.4	10 Littlefield Road and 142 Sargent Road	Active agriculture (Ag Comm)
16	20-066-000 and 20-067-000	12.1 and 22.6	205 and 223 Flagg Hill Road	Open space, agricultural opportunity (Ag Comm)
17	19-084-000, 19-085-000, 19-075-000, 19-074-000, and 19-066-000	7.8, 9.78, 5.4, 4.6, and 15.2	505 and 535 Stow Road, 114 and 120 Tamarack Lane, and 535 Rear Stow Road	Active agriculture (Ag Comm); water supply (BoH)
18	02-008-000, 01-005-000, 02-007-000, 02-006-000, 01-004-000, 01-003-000, 01-002-000, 02-001-000, 02-004-000, and 02-002-000	6.0, 4.3, 12.0, 23.8, 0.77, 42, 49.5, 3.33, 13.9, and 11.9	800A Rear, 995 Rear, 995A Rear, 995B Rear, and 999 Rear Beaver Brook Road, 250, 260 Rear, and 300 Rear Littleton County Road, and 1 Rear and 5 Rear Monarch Drive	Open space and agricultural opportunity (Ag Comm); water supply (BoH)
19	13-007-000, 08-013-000, 08-021-000, 08-014-000, 13-006-000, and 08-012-000	6.59, 28.7, 0.92, 24.8, 0.8, and 13.8	40, 47, and 57 Cunningham Road, 180 Hill Road, 1415 Massachusetts Avenue, and 100 Ward Road	Open space (Cons Comm); Active agriculture, agricultural opportunity, agricultural vistas (Ag Comm); water supply (BoH)

Table 29 Private Lands of Open Space, Conservation, Agriculture, and Recreation Interest (Priority Parcels)				
#	Parcel ID	Acres	Location	Open Space, Conservation, Agriculture, and Recreation Potential
20	03-008-000, 03-009-000, and 03-004-000	8.3, 33.8, and 7.96	700 and 800 Beaver Brook Road, and 800 Rear Beaver Brook Road	Habitat, trail head (Cons Comm); active agriculture, agricultural vistas (Ag Comm); water supply (BoH)
21	04-071-000	10.8	1146 Liberty Square Road	Agricultural opportunity (Ag Comm)
22	08-025-000	15.8	187 Hill Road	Active agriculture, agricultural vistas (Ag Comm)
23	04-068-000 and 04-069-000	3.57 and 4.16	1165 Rear and 1195 Hill Road	Habitat (Cons Comm); Agricultural opportunity (forestry) (Ag Comm)
24	04-001-000	27	900B Rear Beaver Brook Road	Agricultural opportunity (forestry) (Ag Comm); water supply (BoH)
25	12-026-000	32.5	244 Adams Place	Agricultural opportunity (Ag Comm); water supply (BoH)
26	15-083-000 and 15-098-000	7.6 and 4.08	126 and 164 Massachusetts Avenue	Agricultural opportunity (Ag Comm)

- | | | | |
|---|-----------------------------------|---|--|
|  | Priority Parcels |  | Town Conservation Land |
|  | Municipal Land |  | Conservation Restriction Land |
|  | Federal, State, & Non-Profit Land |  | Agricultural Preservation Restriction Land |

May 2015
Data Sources:
Boxborough Planning Department
MassGIS



Boxborough Recreation Commission – The seven-member Recreation Commission is responsible for the following:

- Development and implementation of recreational programs for the youth and other citizens of Boxborough.
- Management of the recreational activities at the Flerra Meadows, Liberty Fields, and Fifer's Field.
- Sponsorship of programs during the winter, spring, and summer months for the youth of Boxborough. Winter programs include: floor hockey, soccer, and gymnastics. Summer playground is available for town elementary age children. These programs emphasize the basic fundamentals and fun associated with participation in youth sports.

Environmental Justice and the Distribution of Parks and Open Spaces

There are no identified environmental justice populations in Boxborough. The majority of open land is conservation land with trails and these areas are distributed throughout the town. The only recreational facilities that are not school-based are Flerra Meadow, Fifer's Field, and Liberty Fields. Flerra Meadows is in the southern part of the town, Liberty Fields is in the northern part of town, and therefore, distribution of recreational facilities is adequate to serve all town residents. Fifer's Field is on the west side of Interstate 495.

Accessibility Requirements – The Open Space and Recreation Planner's Workbook states that all municipal property and programs must be accessible to people with disabilities. Furthermore, all municipal park and conservation areas and programs must be evaluated as part of the process of preparing an Open Space and Recreation Plan. This section gives an overview of accessibility issues in Boxborough. The complete facilities inventory and transition plan is contained in Table 32/Appendix B.

The majority of public open space in Boxborough is conservation land with trails. These properties are generally in a natural state with walking trails that traverse a wide variety of terrain and include obstacles such as tree roots, rocks, and steep hills. As such, these trails cannot practically be improved to meet Americans With Disabilities Act (ADA) standards, but any new trails or newly acquired land in the future would need to be ADA compliant. The three non-school-based recreational properties (Liberty Fields, Fifer's Field, and Flerra Meadows) have been evaluated for accessibility in the Facility Inventory/Transition Plan in Appendix B. Two of the facilities, Flerra Meadows and Fifer's Field (which has a ramp leading up to the field and is currently handicap accessible), would benefit from accessibility improvements.

SECTION VI – COMMUNITY VISION

A. DESCRIPTION OF PROCESS

To develop a community vision for the Open Space and Recreation Plan, a public forum was held on October 23, 2013 to generate new goals and objectives. The forum was well attended with a number of members from the Conservation Commission, Recreation Commission, Planning Board, and Agricultural Commission on hand, as well as members of the public. The goals from the 2002 Open Space and Recreation Plan were reviewed and re-affirmed as still being valid with only a few minor wording changes. There was little controversy regarding the goals and objectives because attendees felt they were well written, covered all the topics of interest, and spoke to all special interest groups who should be represented by them. Below are the goals and objectives of this 2015-2022 Open Space and Recreation Plan as determined by the public forum.

B. OPEN SPACE AND RECREATION GOALS AND OBJECTIVES

- 1) To protect and/or acquire additional lands for conservation, water resource protection, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.
- 2) To protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.
- 3) To enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.
- 4) To inform the public and Town boards and commissions about environmental and conservation issues including the impacts of human activity and the financial benefits of protecting natural resources.
- 5) To preserve farmland and areas with soils favorable for agriculture and to encourage agricultural land uses.
- 6) To encourage citizen participation in open space and recreation planning.
- 7) To coordinate open space planning efforts with neighboring communities to create a regional open space and trail network.
- 8) To pursue regional approaches, where possible, to achieving the goals of this Open Space and Recreation Plan.

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SECTION VII – ANALYSIS OF NEEDS

A. OVERVIEW OF NEEDS ANALYSIS

The identification of community needs and subsequently, potential action items for the Seven Year Action Plan, was accomplished in several ways:

- Review of planning studies.
- Meetings with Town staff, boards, and commissions.
- Public meetings.
- The 2013 Open Space and Recreation Plan survey.

B. REVIEW OF PLANNING STUDIES

Review of Planning Studies: There are several planning studies and reports that have been done recently that were reviewed to help identify community needs and to develop the Seven-Year Action Plan. These include the following:

- 495 MetroWest Development Compact Plan
- Hazard Mitigation Plan
- Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory
- Land Management Plans for Grasslands and Meadows on Town-Owned land in Boxborough
- Town of Boxborough Open Space and Recreation Plan from May 2002.

C. MEETINGS WITH TOWN STAFF, BOARDS, AND COMMISSIONS: MAPC met with the Town Planner, Conservation Commission, Recreation Commission, Agricultural Commission, and Planning Board.

D. PUBLIC MEETINGS – The public meetings that were held were attended primarily by Town staff, boards, and commissions. The 2013 Open Space and Recreation Plan survey can be used to help assess open space and recreation needs in lieu of comments by the public at the meetings.

E. THE OPEN SPACE AND RECREATION PLAN SURVEY

The survey was developed by the Boxborough Conservation Commission and was put online by MAPC. A copy of the survey was mailed with the Town Meeting Warrant the week of April 22, 2013. The survey was kept active until June 1st and received 160 responses. There were a large number of responses from people under 20 due to the fact that every sixth grader at the Blanchard School participated in the survey. A full report on the survey can be found in Appendix A. Some highlights from the survey are included below:

- 31% of respondents use Town open space weekly.
- 85% believe that existing open space lands are adequate for their needs.
- The most desired new facilities were a Town pool, tennis courts, and basketball courts.

- Walking, running, and dog walking were the most common uses of trails and open spaces.
- Flerra Meadows and Steele Farm were the most frequently used facilities.
- 83% of respondents felt Town recreation programs and facilities were adequate.
- The greatest need for additional recreation programs is for teens and seniors.

F. SUMMARY OF RESOURCE PROTECTION NEEDS

Many residents who answered the survey provided ideas about resource protection needs. Residents felt that preservation of the forests and water resources such as ponds and aquifers was very important. The preservation of agricultural land was also seen as central to maintaining Boxborough's character.

G. SUMMARY OF COMMUNITY'S NEEDS

The two public meetings that were held were attended primarily by Town staff, boards, and commissions. The 2013 Open Space and Recreation Plan survey can be used to help assess open space and recreation needs in lieu of comments by the public at the meetings. Through the survey, it appears that most respondents are satisfied with recreational programs and facilities. However, respondents felt that there is a need for additional recreational programs for teens and seniors. The most desired new facilities identified in the survey were a Town pool, tennis courts, and basketball courts. Items within the Seven Year Action Plan (Section 9 on page 88) and Map 11 on page 94, as well as the private lands which have been identified as having open space, conservation, agriculture, or recreation interest in Table 29 (pages 69-71) and Map 10 (page 72), attempt to address these needs identified by the community.

H. MANAGEMENT NEEDS

Many residents who answered the survey provided ideas about management needs. Trail clearing to manage the tick population was mentioned because of the popularity of hiking. The issue of invasive species removal was also raised. Some residents felt there was a need to manage the deer population on conservation land, perhaps with selective hunting.

I. NATIONAL PARKS AND RECREATION STANDARDS

The National Recreation and Parks Association (NRPA) has developed the most widely used standards for park and recreation land. The often cited standard was that a local park system should, at a minimum, be composed of a "core" system of parklands with a total of 6.25 to 10.5 acres of developed, "close-to-home" open space per 1,000 people. The local park system should include mini-parks, neighborhood parks, and larger community parks. Based on this standard, Boxborough should have between 32-53 acres of developed open space for parks and recreation areas. Boxborough's total dedicated acreage for public active and passive recreation consists of:

Flerra Meadows	5.0 acres
Liberty Fields	8.5 acres
Fifer's Field	10.0 acres

This amounts to 23.50 acres devoted to active recreation which does not meet the national standards. However, these standards are frequently updated as approaches to park planning

change. Additionally, the Town has over 25 miles of trails providing access to several hundred acres of conservation and municipal land, which could probably be viewed as part of the town's developed open space for parks and recreation areas. The NRPA is in the process of converting to an online database that will provide guidance on the issue of standards, but this database is not yet available. Regardless of the standards, land acquisition and park development is hindered by budgetary constraints. In addition, the Town shares recreational facilities with the Town of Acton which lessens the need for additional facilities provided by Boxborough.

J. SCORP RELATIONSHIP

The Statewide Comprehensive Outdoor Recreation Plan (SCORP) is the state's equivalent of a municipal open space plan. SCORPs are developed by individual states to be eligible for federal Land and Water Conservation Fund (LWCF) grants. The current plan was prepared in 2012 by the Executive Office of Energy and Environmental Affairs. During the planning process, the State conducted public meetings as well as an internet survey and phone survey. There was a special effort made to survey youth as well as adults. The plan has four major goals:

1. Increase the availability of all types of trails for recreation.
2. Increase the availability of water-based recreation.
3. Invest in recreation and conservation areas that are close to home for short visits.
4. Invest in racially, economically, and age diverse neighborhoods given their projected increase in participation in outdoor recreation.

The research done for the plan found the major obstacle residents face in their participation in outdoor recreation was lack of time and other commitments. This is an important finding that points to the need to have close-to-home facilities. Other key findings include:

- Running, walking, and jogging are the top activities reported by adults and youth.
- Gardening, road biking, and hiking were mentioned by more than 20% of all respondents to the survey.
- Swimming, canoeing, kayaking, and several winter sports are ranked higher in the youth survey than in the adult survey, whereas gardening, golf, and bird and wildlife watching are ranked higher in the adult survey.
- 38% of survey respondents reported they expected an increase in outdoor recreation activity in the next five years.

According to the 2013 Open Space and Recreation Plan survey, the most desired new facilities in Boxborough were a Town pool, tennis courts, and basketball courts. The desire for a swimming pool fits with the SCORP finding that youth identified swimming as a key activity. The Open Space and Recreation Plan survey also showed that walking, running, and dog walking were the most common uses of trails and open spaces, which is consistent with the top activities identified in the SCORP survey.

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SECTION VIII – GOALS AND OBJECTIVES

The open space and recreation goals and objectives were developed after reviewing previous plans and studies, meetings with Town staff, boards, and commissions, and through comments received at the public meetings. They are summarized on pages 1 and 75 and clarified further below.

- 1) To protect and/or acquire additional lands for conservation, water resource protection, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.
 - To protect lands which meet several of the above criteria.
 - To utilize the most appropriate and cost-effective method for protection.
 - To review the list of parcels of conservation and recreation interest yearly.
- 2) To protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.
 - To identify and protect the most important landscape features as outlined in the Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory.
 - To ensure that zoning and subdivision laws foster the protection of landscape features.
- 3) To enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.
 - To increase recreational programs for teens and seniors.
 - To explore the feasibility of additional recreational facilities.
 - To implement the tasks outlined in the Section 504 Facility Inventory/Transition Plan.
- 4) To inform the public and Town boards and commissions about environmental and conservation issues including the impacts of human activity and the financial benefits of protecting natural resources.
 - To conduct an educational campaign to inform residents about the benefits of the Community Preservation Act.
 - To use the Town's website to provide educational materials to town residents.
 - To encourage more resident participation on Town boards and commissions.
- 5) To preserve farmland and areas with soils favorable for agriculture and to encourage agricultural land uses.
 - To ensure that Town regulations support the agricultural industry.
 - To preserve agricultural land as an economic asset as well as a critical component to the town's character.

- 6) To encourage citizen participation in open space and recreation planning.
 - To provide on-going opportunities for citizens to participate in the planning process.
 - To continue to survey residents periodically to assess needs and desires.
- 7) To coordinate open space planning efforts with neighboring communities to create a regional open space and trail network.
 - To participate in the MAGIC subregion to ensure a subregional approach to open space planning and protection.
 - To seek out opportunities to collaborate with neighboring communities on land protection and trail networks.
- 8) To pursue regional approaches, where possible, to achieving the goals of this Open Space and Recreation Plan.
 - To continue to pursue a regional approach to providing recreational opportunities.

SECTION IX – SEVEN YEAR ACTION PLAN

The Seven Year Action Plan is the most important section in any open space and recreation plan. The following recommendations are meant to bridge the gap between the existing open space and recreation resources identified in Section 5, the goals and objectives (Section 8), and the needs and desires of the residents of Boxborough (Section 7). The designation of a target year is meant as a guide only. It is more important to be flexible and take advantage of opportunities as they arise. Many items will need to occur over several years. In each case, a primary responsible party or parties is identified.

The Seven Year Action Plan was developed by first reviewing the action plan from the 2002 Open Space and Recreation Plan. All completed actions from the 2002 Plan were removed from the new action item list unless they are on-going. The remaining action items were reviewed by various Town Departments to determine if they were still desirable and new ones were added. Additional action items were added based on citizen input through the 2013 Open Space and Recreation Plan survey.

A. ACCOMPLISHMENTS SINCE 2002 OPEN SPACE AND RECREATION PLAN

The high priority actions in the 2002 Plan included planning for future swimming and skating ponds, expanding and linking of the Town trail system, planning for a comprehensive town-wide bike path and trail system, and acquiring additional conservation land. Table 30 shows the action items from the 2002 Plan and their status.

Table 30 Accomplishments from the 2002 Open Space and Recreation Plan	
Action Item	Status
To create acquisition and/or land management strategies for parcels identified as open space priorities.	On-going. Supported Community Preservation Act effort.
To identify a large, unfragmented upland area which has a number of natural communities with a variety of plant and animal species both common and rare and present such land acquisitions at the May Annual Town Meeting.	On-going. Land Rating Worksheet has been created. Most recently the Patch Hill land was acquired creating the largest parcel upland and the other half of Flagg Hill was converted from municipal to conservation land.
Update buffer zone regulations to the Wetland Bylaw.	Completed.
Update the Conservation Land and Trail Guide on the GIS system.	Completed.

Table 30 Accomplishments from the 2002 Open Space and Recreation Plan	
Action Item	Status
Support the Water Resources Committee in follow up water supply studies and land preservation.	Completed. Water Resources Committee is no longer active and its responsibilities are handled by the Board of Health. No such studies are currently planned.
Create a Chapter 61, 61A, and 61B database.	Completed.
Create a database and map of failed septic systems and locations on the GIS system.	On-going.
Prepare a Town recreation program brochure.	None is forthcoming.
Complete a Town-owned land database on the GIS system.	Completed.
Secure a permanent equipment storage facility within the designated recreation area of Flerra Meadows.	Flerra Meadows is a combination of active recreation space and conservation land. All 5 acres of recreation space is being utilized and no permanent building can be constructed. Space at the Boxborough Museum is currently being used for storage.
Assess existing undeveloped or underdeveloped properties for their recreational and open space value, using the conservation land rating worksheet.	On-going (At Recreation Commission meeting on September 10, 2013, the Commission met with Town Planner Elizabeth Hughes to identify parcels for recreational use. It was determined that expanding facilities at Liberty Fields was most advantageous. There is a 6 acre flat parcel off Interstate 495 near the Holiday Inn which is attractive, but the Commission determined it would probably be a better option for the Town to sell for development and reap the tax benefits for the community. The Campbell property off Sargent Road was deemed undesirable as it is in a neighborhood with narrow winding roads and limited parking).
Update wetland maps on the GIS system.	Completed.

Table 30 Accomplishments from the 2002 Open Space and Recreation Plan	
Action Item	Status
Identify potential sites for a swimming and skating area.	No functional swimming space has been identified. Skating space is limited to a few ponds in town that would need clean up before moving forward.
Oversee the consultant's report on the town's historic resources.	Completed.
Schedule meetings with the Conservation Commissions of abutting towns to determine where existing conservation land is located and where linkages can be provided.	Incomplete. The Boxborough Conservation Trust has been working with the Littleton and Acton Conservation Trusts.
Prepare management plans for 6 additional conservation lands.	Completed for parcels with meadows per the 2005 MassAudubon Report: Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, MA.
Create a plan for a Massachusetts Avenue (Route 111) multi-purpose trail system.	On-going.
Locate potential sites for tennis and basketball courts.	Funds were requested at Town Meeting in May 2014 to perform a study at Liberty Fields. The article was pulled when CPA passed as the effort would likely be covered with CPA funds in the future.
Propose a Flexible Development or Open Space Residential Bylaw.	On-going.
Establish a policy on leasing conservation land for agricultural purposes.	Will consider for future acquisitions.
Acquire a minimum of ten (10) acres of grassland upland adjacent to an existing conservation area.	Incomplete.
Create one (1) mile of interpretive trails describing unique landscape features.	Considered and dropped due to limited opportunity at candidate sites.
Set aside grassland portion of Steele Farm for conservation purposes.	Completed per the Conservation/Historical Preservation Restriction.

Table 30 Accomplishments from the 2002 Open Space and Recreation Plan	
Action Item	Status
Preserve at least a portion of the upland area adjacent to Wolf Swamp and the Delaney project.	Completed. Acquired parcel off of Hazard Lane.
Inventory wildlife habitats or rare and endangered species and develop a plan to protect them.	Contracted for Rolling Meadows Invasive Study "NEWFS Botanical Survey of Rolling Meadows" in 2012. Vernal pool certification is on-going.
Establish five (5) more miles of bike trails.	Concurrent with general trail improvements.
Create a minimum of one (1) mile of hiking trails.	Completed. Now have 25 miles of trails that are mapped and marked.
Schedule annual hazardous waste days.	Department of Public Works conducts this every other year.
Lobby for adequate budgets for enforcement of regulations.	Not needed.
Use the non-criminal dispositions bylaw to issue fines to zoning violators.	No action.
Develop a stewardship program for Town municipal open space and conservation land.	Land Stewardship Committee established and on-going.
Review all requests for taking land out of Chapter 61, 61A, and 61B and make recommendations.	On-going.
Set aside land in subdivisions and site plans for open space.	On-going.
Encourage the use of the Open Space Commercial Development Bylaw to preserve open space in commercial developments.	Has been implemented in most applicable areas including the Cisco Campus and at 80 & 90 Central Street.
Explore all available funding sources for acquisition of open space.	On-going.
Include line item in annual budget for conservation land maintenance.	Completed and on-going.
Coordinate reviews of projects having wetland impacts.	On-going.

Table 30 Accomplishments from the 2002 Open Space and Recreation Plan	
Action Item	Status
Continue the water quality monitoring program.	Water Resources Committee is inactive.
Identify and eliminate sources of pollution.	On-going.
Assess existing zoning and land use controls to ensure natural resource protection, aquifer protection and open space preservation.	On-going.
Prepare a brochure on proper care and maintenance of septic systems and distribute to residents.	Completed. A "Caring for Your Septic System" brochure is now located on the Town website.
Enforce permit conditions.	On-going.

B. THE 2015-2022 SEVEN YEAR ACTION PLAN

Organization of the Action Plan

Table 31 is a complete listing of all the action plan items in the format required by the Division of Conservation Services. The action items are grouped under the goal to which they most directly contribute. In many cases, an action item will contribute to more than one goal but will be listed only once. Map 11 is a map illustrating the action plan recommendations.

Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Goal #1: To protect and/or acquire additional lands for conservation, water resource protection, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.										
Conduct an educational campaign to inform residents about the benefits of the Community Preservation Act.	Community Preservation Committee	Town funds	Medium							
Include a line item in the Town's capital improvement plan for the Conservation Trust Fund for land acquisition.	Town Administrator, Conservation Commission	Town Meeting	Medium							
Check in periodically with property owners whose properties have been identified as having open space, conservation, agriculture, or recreation potential regarding any changes in their status.	Conservation Commission, Agricultural Commission, Recreation Commission, Board of Health	Town funds and grants	Low							
Goal #2: To protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.										
Conduct an educational campaign to inform residents about the benefits of the Community Preservation Act.	Community Preservation Committee	Town funds	Medium							

Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Goal #3: To enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.										
Investigate options for the creation of a Town pool.	Recreation Commission	Town funds	Low							
Investigate the feasibility of developing tennis and basketball courts at Liberty Fields and Fifer’s Field.	Recreation Commission	Town funds	Medium							
Develop additional playing fields.	Recreation Commission	Town funds	Medium							
Develop a plan for the creation of additional bike trails.	DPW, Recreation Commission, Planning Board	Town funds	Medium							
Maintain trails with mowing and cutting to reduce the risk of contact with ticks.	DPW, Conservation Commission	Town funds	High							
Maintain trail markers, kiosks, and boardwalks.	Conservation Commission	Town funds	High							
Continue to review and implement the recommendations of the Mass Audubon Society report titled “Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, Massachusetts”.	Conservation Commission, Agricultural Commission	Town funds	Medium							

Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Assess the need for additional off-street parking areas at conservation properties.	Conservation Commission	Town funds	Medium							
Survey teens and seniors to determine specific recreational needs and desires.	Recreation Commission	Staff and volun. time only	Medium							
Implement new recreational programs for teens and seniors.	Recreation Commission, Council on Aging	Town funds	Medium							
Goal #4: To inform the public and Town boards and commissions about environmental and conservation issues including the impacts of human activity and the financial benefits of protecting natural resources.										
Sponsor educational programs about environmental and conservation issues in conjunction with area non-profits.	Conservation Commission, Energy Committee	Staff and volun. time only	Low							
Include information and links to reports about land conservation on the Town's website.	Conservation Commission, Board of Health	Staff and volun. time only	Low							
Implement a vernal pool education and certification program.	Conservation Commission, Public Schools	Town funds	Medium							
Implement an invasive exotic management and education program.	Conservation Commission, Public Schools	Town funds	Medium							

Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Implement a bird watching and identification program.	Conservation Commission, Public Schools	Town funds	Low							
Review the conditions under which land was acquired for consistency with the original use intent.	Conservation Commission, Recreation Commission, Agricultural Commission	Staff and volun. time only	Medium							
Goal #5: To preserve farmland and areas with soils favorable for agriculture and to encourage agricultural land uses.										
Review all requests for taking land out of Chapter 61, 61A, and 61B and make recommendations.	Conservation Commission, Agricultural Commission, Recreation Commission	Staff and volun. time only	Medium							
Ensure that Town policies and regulations are supportive of agriculture.	Agricultural Commission	Staff and volun. time only	Medium							
Review the need to amend the Boxborough Right to Farm Bylaw.	Agricultural Commission	Staff and volun. time only	Low							
Review definitions in the Town's Zoning Bylaw that relate to agriculture to ensure clarity.	Planning Board, Agricultural Commission	Staff and volun. time only	Medium							

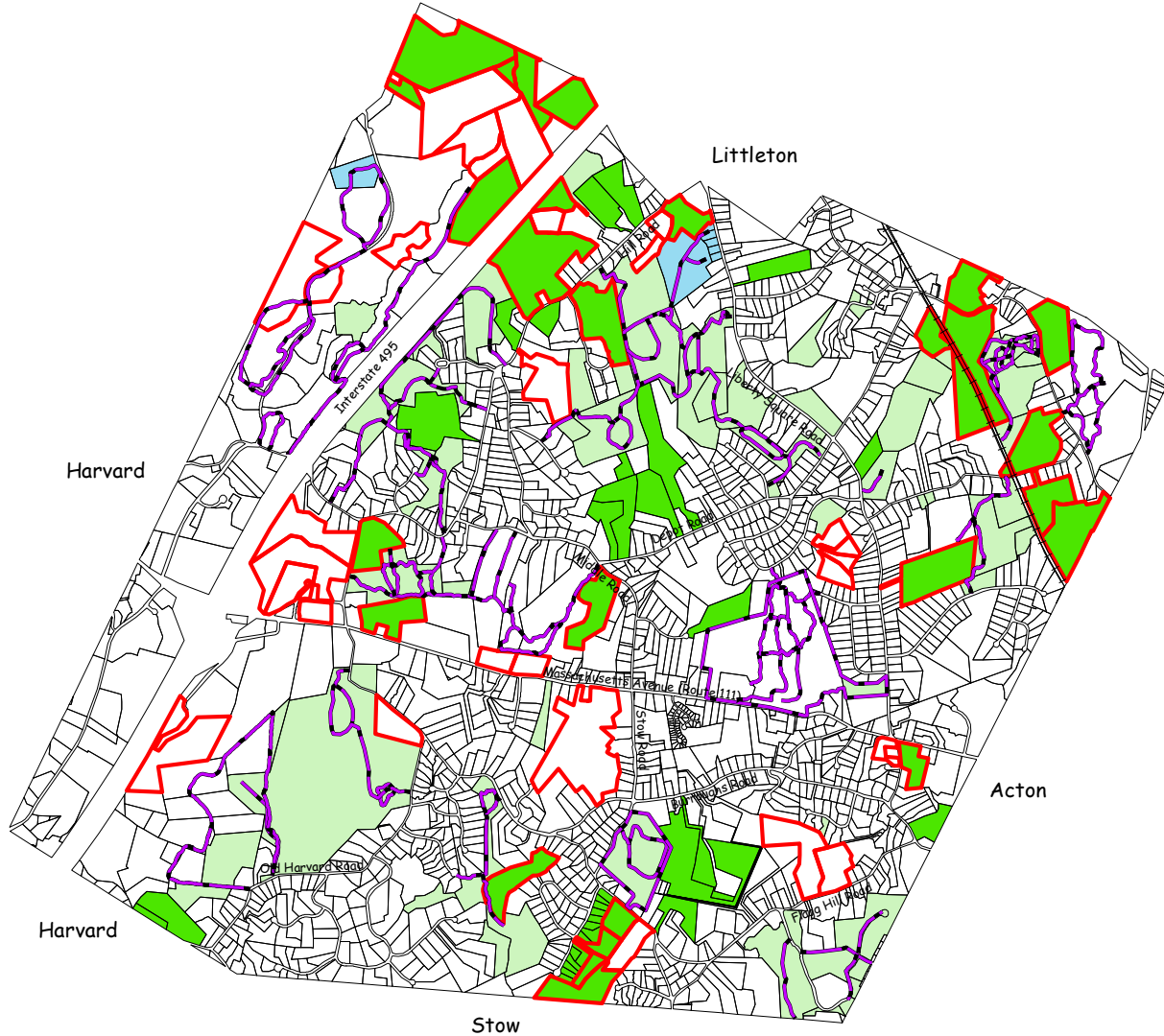
Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Evaluate need and feasibility for additional community gardens.	Agricultural Commission	Volun. time only	Low							
Provide input to the Steele Farm Management Plan.	Agricultural Commission	Volun. time only	Medium							
Goal #6: To encourage citizen participation in open space and recreation planning.										
Establish an Open Space and Recreation Plan Committee to oversee implementation of the Plan.	Land Stewardship Committee, Conservation Commission, Recreation Commission, Agricultural Commission	Staff and volun. time only	Medium							
Goal #7: To coordinate open space planning efforts with neighboring communities to create a regional open space and trail network.										
Facilitate a yearly meeting with the communities that comprise the MAGIC subregion of MAPC to discuss open space issues.	Board of Selectmen, Conservation Commission, Planning Board, Agricultural Commission	Staff time	Medium							
Facilitate semi-annual meetings with adjacent communities to discuss possible trail connections.	Conservation Commission	Volun. time only	Low							

Table 31
Seven Year Action Plan
Open Space and Recreation Goals and Objectives

Action	Responsibility	Funding	Priority	Year						
				1	2	3	4	5	6	7
Provide each surrounding community with a copy of the Boxborough Open Space and Recreation Plan.	Planning Board	Staff time only	Low							
Review amending Watershed Protection and Aquifer Protection zoning to protect Zone IIs in Acton and Littleton.	Board of Health, Planning Board	Staff time	High							
Goal #8: To pursue regional approaches, where possible, to achieving the goals of this Open Space and Recreation Plan.										
Continue to work with neighboring communities to share facilities for recreation.	Recreation Commission	Volun. time only	Medium							

Map 11
Seven Year Action Plan
(Please Refer to Table 30 for Additional Action Items)



- Priority Parcels: Inquire with Property Owners regarding Status of Future Plans
- Chapter Land: Review Requests to Remove Land from Chapter Status
- Town Conservation Land: Assess Need for Additional Off-Street Parking Areas
- Liberty and Fifer's Fields: Investigate Possibility for Tennis and Basketball Courts
- Trails to Maintain: Mowing, Cutting, Markers, Kiosks, Boardwalks, Etc.

April 2015
Data Sources:
Boxborough Planning Department
MassGIS

Feet
0 1,500 3,000 6,000



SECTION X – IMPLEMENTATION AND FUNDING

The purpose of this section is to make decision-makers and town residents aware of the many different ways to preserve and/or acquire open space and recreation land. Some of the methods and programs have already been utilized by the Town. Other methods have not been employed but could be in the future.

Note on Funding Sources – The entries in the column “Funding” in Table 31 are intended to give the reader some ideas on possible funding sources for each action item. There are also a number of grant programs which can be pursued to supply funding for various action items. Each grant program has its own eligibility requirements and it is generally difficult to determine if an action is fundable until the project is more clearly defined. Table 31 also cannot take into account new grant programs or funding sources that might become available over the seven year life of the Plan. Below is a list of some grant programs which might be used to provide funding for the various action items listed in Table 31:

- Massachusetts Parkland Acquisitions and Renovations for Communities Program (formerly known as the Urban Self-Help Program)
- Massachusetts Land and Water Conservation Fund
- Massachusetts Local Acquisitions for Natural Diversity (formerly known as the Self-Help Program)
- Conservation Assistance for Small Communities through the Executive Office of Energy and Environmental Affairs
- Transportation Enhancements Program
- Massachusetts Recreational Trails Grant Program
- Agricultural Management Assistance (through the Natural Resources Conservation Service)
- Conservation Stewardship Program (through the Natural Resources Conservation Service)
- Environmental Quality Incentives Program (through the Natural Resources Conservation Service)
- Community Preservation Act

A. STATE AND FEDERAL FUNDING PROGRAMS

Local Acquisitions for Natural Diversity – The LAND Program (formerly the Self-Help Program) was established in 1961 to assist municipal conservation commissions with acquiring land for natural resource and passive outdoor recreation purposes. Lands acquired may include wildlife; habitat; trails; unique natural, historic or cultural resources; water resources; forests; and farm land. Compatible passive outdoor recreational uses such as hiking, fishing, hunting, cross-country skiing, bird observation, and the like are encouraged. Access by the general public is required. This State program pays for the acquisition of land, or a partial interest (such as a conservation restriction), and associated acquisition costs such as appraisal reports and closing costs.

Massachusetts Parkland Acquisitions and Renovations for Communities (PARC) Program

The PARC Program (formerly the Urban Self-Help Program) was established in 1977 to assist cities and towns in acquiring and developing land for park and outdoor recreation purposes. Any town with a population of 35,000 or more year-round residents, or any city regardless of size, that has an authorized park/recreation commission is eligible to participate in the program.

Communities that do not meet the population criteria listed above may still qualify under the "small town," "regional," or "statewide" project provisions of the program.

Only projects that are to be developed for suitable outdoor recreation purposes, whether active or passive in nature, are considered for funding. Grants are available for the acquisition of land and the construction, or renovation, of park and outdoor recreation facilities, such as swimming pools, zoos, athletic playing fields, playgrounds, and game courts. Access by the general public is required.

Federal Land and Water Conservation Fund – This is a federal program administered by the State Division of Conservation Services for the acquisition and development or renovation of park, recreation, and conservation land. The Federal Land & Water Conservation Fund (P.L. 88-578) provides up to 50% of the total project cost for the acquisition, development and renovation of park, recreation, or conservation areas. Municipalities, special districts, and State agencies are eligible to apply. Nearly 4,000 acres have been acquired and hundreds of parks renovated using the \$95.6 million that Massachusetts has received from the state side portion of the federal program since 1965. DCS administers the state side Land & Water Conservation Fund program in Massachusetts. Access by the general public is required.

Recreational Trails Grant Program – The Recreational Trails Program provides grants ranging from \$2,000 to \$50,000 on a reimbursement basis for a variety of trail protection, construction, and stewardship projects throughout Massachusetts. It is part of the national Recreational Trails Program, which is funded through the Federal Highway Administration (FHWA). Funds are disbursed to each state to develop and maintain recreational trails and trail-related facilities for both non-motorized and motorized recreational trail uses. In Massachusetts, funds are administered by the Department of Conservation and Recreation (DCR), in partnership with the Massachusetts Recreational Trails Advisory Board.

Community Preservation Act – The idea of a real estate transfer tax was signed into law on September 14, 2000 as the Community Preservation Act (CPA). The CPA is a tool for communities to preserve open space, historic sites, and affordable housing. The Community Preservation Act is statewide enabling legislation that allows cities and towns to exercise control over local planning decisions by providing a new funding source which can be used to address three core community concerns:

- Acquisition and preservation of open space
- Creation and support of affordable housing
- Acquisition and preservation of historic buildings and landscapes

A minimum of 10% of the annual revenues of the fund must be used for each three core community concerns. The remaining 70% can be allocated for any combination of the allowed uses. This gives each community the opportunity to determine its priorities, plan for its future, and have the funds to make those plans happen.

The Town of Boxborough adopted the Community Preservation Act in November of 2014.

SECTION XI – PUBLIC COMMENTS

Letters of Review

- Board of Selectmen
- Planning Board
- Conservation Commission
- Recreation Commission
- Agricultural Commission
- Board of Health
- Regional Planning Agency



BOXBOROUGH BOARD OF SELECTMEN
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1712 · Fax: (978) 264-3127
www.boxborough-ma.gov

Vincent M. Amoroso, Chair Robert T. Stemple, Clerk Susan M. Bak Leslie R. Fox James J. Gorman

April 27, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Board of Selectmen has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to recreation projects and open space acquisitions.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

Vincent M. Amoroso, Chair
Board of Selectmen
Town of Boxborough



BOXBOROUGH PLANNING BOARD
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1723 · Fax: (978) 264-3127
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Owen Neville, Chair Eduardo Pontoriero, Clerk Nancy Fillmore John Markiewicz Hongbing Tang

April 27, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Planning Board has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to recreation projects and open space acquisitions.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

Owen Neville
Chair, Boxborough Planning Board



BOXBOROUGH CONSERVATION COMMISSION

29 Middle Road, Boxborough, Massachusetts 01719

Phone: (978) 264-1722 · Fax: (978) 264-3127

www.boxborough-ma.gov

David Follett Charlene Golden Norm Hanover David Koonce Dennis Reip, Chair Hoff Stuart

April 15, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Conservation Commission has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to conservation initiatives, recreation projects, and open space acquisitions.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

Dennis Reip
Chair, Boxborough Conservation Commission



BOXBOROUGH RECREATION COMMISSION

29 Middle Road, Boxborough, Massachusetts 01719

Phone: (978) 264-1700 · Fax: (978) 264-3127

www.boxborough-ma.gov

April 14, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Recreation Commission has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to recreation projects and open space acquisitions.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

Kevin Lehner
Chair, Boxborough Recreation Commission



BOXBOROUGH AGRICULTURAL COMMISSION

29 Middle Road, Boxborough, Massachusetts 01719

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www.boxborough-ma.gov

April 14, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Agricultural Commission has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to agricultural initiatives, recreation projects, and open space acquisitions.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

John Neyland
Chair, Boxborough Agricultural Commission



BOXBOROUGH BOARD OF HEALTH
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1726 · Fax: (978) 264-3127
www.boxborough-ma.gov

Marie C. Cannon, Chair

Bryan F. Lynch

Pamela L. Follett, MD, MPH

April 15, 2015

Ms. Melissa Cryan
Executive Office of Energy and Environmental Affairs
Division of Conservation Services
100 Cambridge Street, 9th Floor
Boston, MA 02114

RE: Draft 2015-2022 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Board of Health has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe this Plan will effectively guide the community when making future policy and funding decisions related to recreation projects, open space acquisitions, and water resources.

Please feel free to contact Town Planner Adam Duchesneau, AICP (978-264-1723 or ADuchesneau@Boxborough-MA.gov) at your convenience to discuss the draft Plan further.

Respectfully,

Marie Cannon
Chair, Boxborough Board of Health



SMART GROWTH AND REGIONAL COLLABORATION

April 27, 2015

Adam L. Duchesneau, AICP
Town Planner
Town of Boxborough
29 Middle Road | Boxborough, MA 01719

Dear Mr. Duchesneau:

This letter will serve as MAPC's review of the Town of Boxborough Open Space and Recreation Plan 2015-2021. MAPC has enjoyed working with the Town of Boxborough to develop this plan. It was written to comply with the Division of Conservation Services (DCS) guidelines and to incorporate regional issues in general. We have also worked to make the plan consistent with *MetroFuture*, the regional policy plan for the Boston metropolitan area. We believe that the considerable participation of the Town of Boxborough staff and MAPC's regional perspective has resulted in a plan that will help guide the Town in its continued efforts to enhance open space and recreation.

MAPC wishes you the best of luck as you move forward with implementation of the plan.

Sincerely,

Marc D. Draisen
Executive Director

Cc: Melissa Cryan, Division of Conservation Services
Les Fox, MAPC Representative, Town of Boxborough

SECTION XII – REFERENCES

495/MetroWest Development Compact Plan, March 2012. Prepared for the Executive Office of Housing and Economic Development by the Metropolitan Area Planning Council, Central Massachusetts Regional Planning Commission, MetroWest Regional Collaborative, 495 MetroWest Partnership and Mass Audubon (www.mass.gov/hed/economic/eohed/pro/planning/metrowest/495metrowestdevelopmentcompactplan.pdf).

Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory; Massachusetts Heritage Landscape Inventory Program. June 2006 (www.mass.gov/eea/docs/dcr/stewardship/histland/recon-reports/boxborough-with-map.pdf).

Land Management Plans for Grasslands and Meadows on Town-Owned land in Boxborough, Massachusetts, September 21, 2005 by the Mass Audubon Ecological Extension Service (www.boxborough-ma.gov/sites/boxboroughma/files/file/file/audubongrasslandsreport.pdf).

Minuteman Area Comprehensive Agricultural Planning Program, January 18, 2014. Prepared for the Minuteman Advisory Group for Interlocal Coordination by the Metropolitan Area Planning Council (www.mapc.org/sites/default/files/MAGIC_ag_report_1-21-14.pdf).

Town of Boxborough General Bylaws amended through Town Meeting, May 2014 (www.boxborough-ma.gov/sites/boxboroughma/files/file/file/generalbylaws2014.pdf).

Town of Boxborough Hazard Mitigation Plan prepared by the Metropolitan Area Planning Council and adopted November 8, 2010.

Town of Boxborough Open Space and Recreation Plan, May 10, 2002 (www.boxborough-ma.gov/sites/boxboroughma/files/file/file/openspaceandrecplan2002finaldraft.pdf).

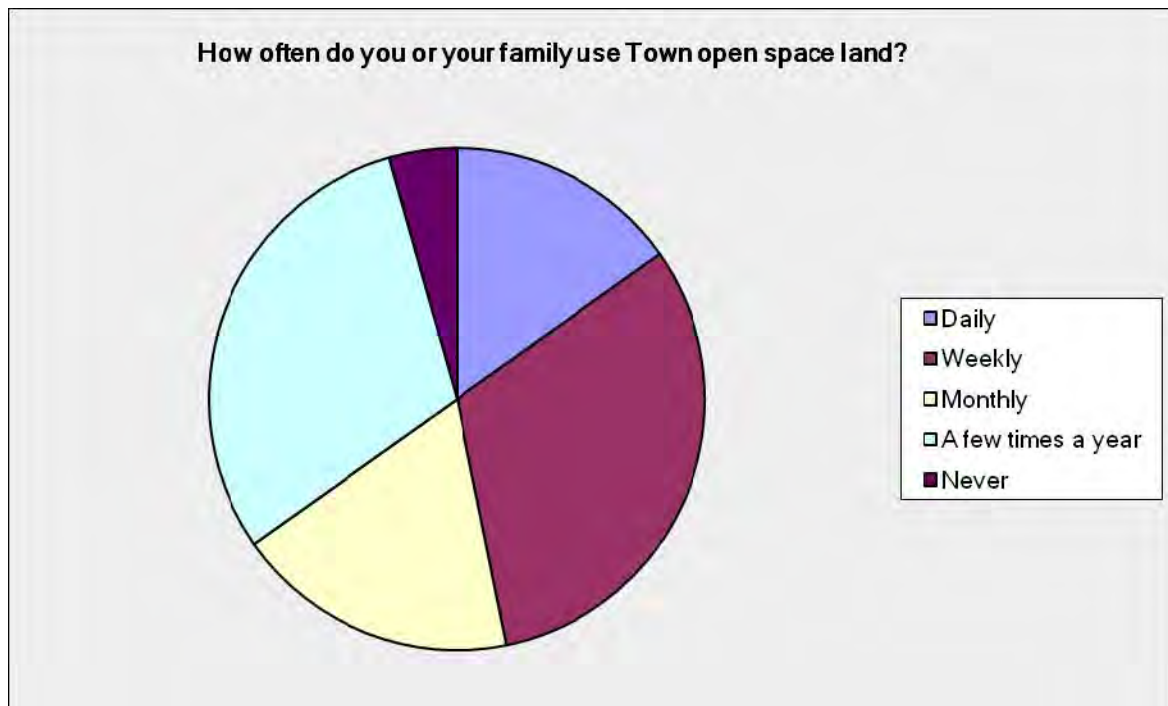
Town of Boxborough Zoning Bylaw amended through Town Meeting, May 2014 (www.boxborough-ma.gov/sites/boxboroughma/files/file/file/zbl_2014_1.pdf).

Appendix A

Boxborough Open Space and Recreation Plan Survey

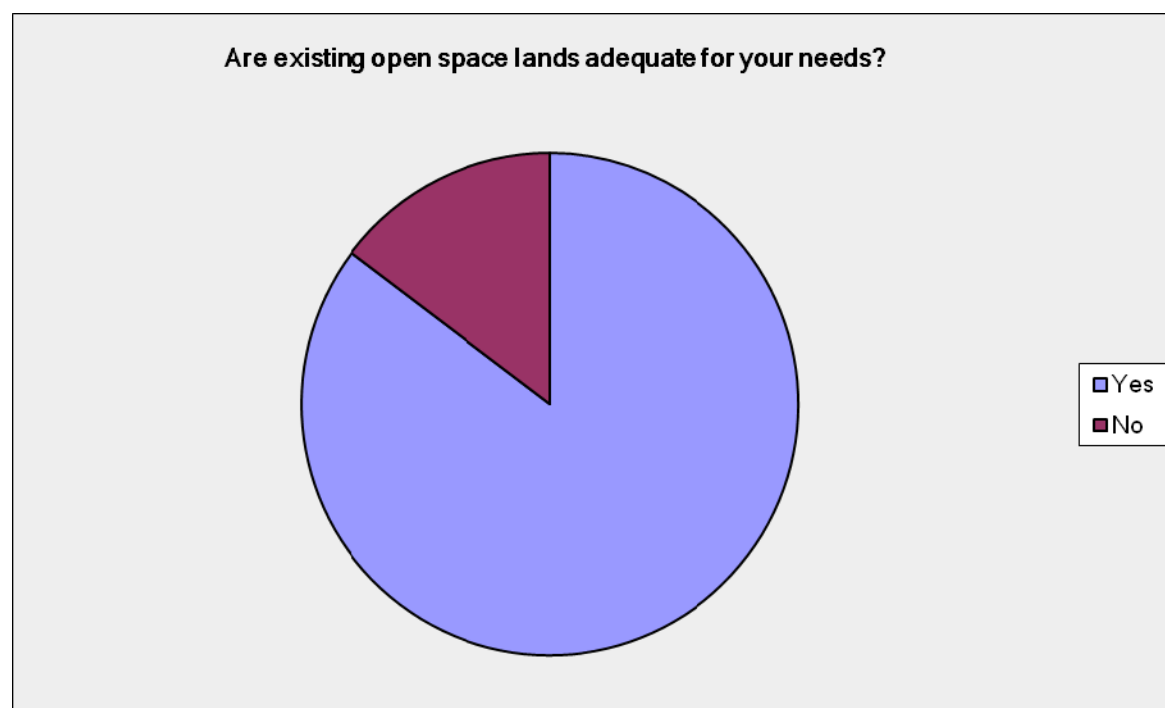
Question 1: How often do you or your family use Town open space land?

How often do you or your family use Town open space land?		
Answer Options	Response Percent	Response Count
Daily	15.2%	24
Weekly	31.6%	50
Monthly	18.4%	29
A few times a year	30.4%	48
Never	4.4%	7
Answered Question		158
Skipped Question		4



Question 2: Are existing open space lands adequate for your needs?

Are existing open space lands adequate for your needs?		
Answer Options	Response Percent	Response Count
Yes	85.3%	133
No	14.7%	23
Answered Question		156
Skipped Question		6



Question 3: If no, what types of open space land would you like the Town to acquire?

- I would like to see a dirt path put around the edge of the "Flerra Field" area. I am guessing it could be about a 1/4 mile loop and could be used by walkers, joggers, bikers, stroller-pushers, snow-shoers, cross country skiers, sled-pullers, etc.
- Important wildlife habitat and active farmland.
- Playground and orchards.
- We need more biking trails and a Town pool.
- I guess more path biking things.
- Marsh, pond.
- Marshlands/Pond.
- Tennis courts.

- Tennis courts and basketball.
- Swimming pool.
- I guess there is enough land, but I think there should be another field.
- Maybe add good basketball hoops at court to Flerra Field.
- 11 vs. 11 soccer fields, tennis courts.
- Open space is / remains a major consideration in remaining a Boxborough resident.
- Large parcels, including lower "s" - Stow Road left side.
- It would be great to have a Town swimming area.
- More playing fields (soccer, lacrosse, football...).
- We go to Harvard for sledding, Devens (Mirror Lake) for swimming, parking lots for biking.
- Mountain Bike Trails.
- More connectivity between parcels.
- Recreation - outdoor basketball and tennis courts. Could maybe fit at Liberty Fields or other existing space.
- Swimming – beach.
- A place similar to Nara.
- Would like to see farm lands and viewsheds protected. Town would not have to own outright, but could contribute to preservation.
- Fields for skiing and bird watching.
- A park.
- I often enjoy playing sports at Flerra. I would like to see areas like this developed more before purchasing new land. I would love to see a basketball court.
- Recreation space for basketball and tennis.
- Fields and meadows
- None.
- Fields.
- Town recreation center with indoor athletic/pool facilities. Low/No pay for taxpayers, fee for outside memberships and guests.
- Larger parcels for farming.
- Something flat that we could build tennis courts and basketball courts on.
- Agricultural.
- Grasslands, land connecting to other open space.
- Swimming pool/pond.

Overview of Question 3:

• Wildlife Habitat	1
• Farmland	4
• Playgrounds	1
• Orchards	1
• Bike Trails	3
• Town Pool	5
• Marsh	2
• Ponds	2

- Tennis 6
- Basketball 6
- Playing Fields 2
- Soccer 1
- Connectivity 2
- Viewsheds 1
- Skiing 1
- A Park 1
- Fields/Meadows 3

Question 4: What specific parcel(s) would you like to see the Town acquire?

Specific Parcel Recommendations:

- Basketball court Loring Avenue, McLeod Lane.
- Land on Hill Road currently used by Gladys Fox's horse grazing.
- Deleo Land/Betty White land
- Some portion of Morse land.
- Krusen.
- Behind gas station -- old Gutierrez property, also corridor between Wolf Swamp and Steele Farm area.
- Krusen land.
- Pacy land by Depot Road & railroad -- let forest take over for carbon dioxide depletion and noise barrier.
- Bjorklund Land on Flagg Hill Road.
- Reading from the "Boxborough Master Plan" Chapter VI Natural and Cultural Resources..."The final proposed historical area is Inches Woods, the site of an expansive forest that Henry David Thoreau described as "the most remarkable and memorable thing in Boxborough"... I would like to see this parcel as stated in the Master Plan be acquired.
- That Campbell land on Depot Road.
- 205 Flagg Hill Road.
- Hill Road parcels, Littlefield Road, and parcels abutting conserved lands.
- Stow Road.
- The Morse property on Hill Road that farms Angus.

Other Comments

- Nearly all 10 acres or more in size
- Playground
- Sports fields
- Basketball courts
- A basketball court at Flerra
- I do not want people to cut down trees. I just want to keep the nature we have
- Land with wood
- Boxborough Town pool

- Boxborough woodlands
- Wilderness
- Park, garden, trail
- None
- Biking hills
- Ponds, lakes, forest
- More ponds/lakes/rivers/forests/swamps
- Don't know
- Parks
- Parks
- Forests
- A football field near Flerra
- None
- Nothing
- Football field near Flerra Field
- Woods and open grasslands
- Open grasslands near roads
- I don't have enough information
- None!
- Don't know
- Connecting properties
- I believe every acre of undeveloped land should be kept and preserved by the Town so that others can enjoy the land as much as I do
- No more
- Not sure what's available but anything that comes up
- None
- Unknown

Question 5: Are you satisfied with the condition and accessibility of Town open space and trails?

Are you satisfied with the condition and accessibility of Town open space and trails?		
Answer Options	Response Percent	Response Count
Yes	87.3%	137
No	12.7%	20
Answered Question		157
Skipped Question		5

Question 6: If no, why?

- See suggestion item #3.

- There's not enough places to play other than Flerra.
- We usually need to go to Acton for???
- More bike trails / Town pool.
- We need more bike trails because I do not like having to go to Acton.
- Not enough biking trails.
- Could be cared for better.
- Could be cleaner.
- Could be cared for better.
- Needs more work.
- Hard to keep LanSCom active. Time restraints. Trails can get blocked.
- Hayfields should be cut on an agricultural schedule.
- Trails need more clearing due to ticks.
- Colored identifiers need to be updated - some are too faded and/or missing (Patch Hill and Hager Trail specifically).
- Need more biking and runnable trails, eg. without rocks and roots.
- Need sidewalks and bike paths to get to open space.
- Overall, yes, but, need more stewardship to control invasive species.
- Some need parking lots so you do not have to park on the street.
- Traditionally agricultural lands are underutilized.
- Most of the conservation land is overgrown and impossible to fully enjoy.
- Too many invasive plants.

Question 7: What trails or open space areas do you use most and for what activities?

What trails or open space areas do you use most and for what activities (check all that apply)?		
Answer Options	Response Percent	Response Count
Walking/Running	87.5%	133
Dog Walking	40.1%	61
Trail Biking	30.3%	46
Birding	13.2%	20
Community Gardens	7.9%	12
Cross-country Skiing/Snow Shoeing	22.4%	34
Horseback Riding	3.3%	5
Other (please specify)		25
Answered Question		152
Skipped Question		10

- Hiking
- Hiking
- Skateboard Park
- Flerra Field
- Cisco

- Skiing (plain) – downhill
- Tennis
- Baseball
- Park basketball
- Picnic
- Sports
- Swimming pool
- Picnics
- Fishing, Baseball
- Walking Town Road, Picnic, Middle Road, Steele Farm trail
- Sledding
- Playground
- None
- Soccer fields
- Soccer
- Soccer
- Soccer
- Soccer
- Photography
- Photography

Question 8: What specific locations do you use for these activities?

Flerra	46
Patch Hill	22
Half Moon Meadow	9
Hager	12
Steele Farm	39

Question 9: What Town actions do you favor to preserve open space?

Answer Options	Response Percent	Response Count
Town Purchase of Land	66.9%	83
Zoning for Open Space Conservation	50.8%	63
Mandatory Dedication of Open Space by Developers	44.4%	55
Receipt of Conservation and/or Agricultural Preservation Restrictions	41.9%	52
Other (please specify)		7

Question 10: Are you in favor of encouraging agricultural use and farming on suitable Town land?

Are you in favor of encouraging agricultural use and farming on suitable Town land?		
Answer Options	Response Percent	Response Count
Yes	58.4%	94
No	6.2%	10
Not sure	35.4%	57
Answered Question		161
Skipped Question		1

Question 11: Which of the following resources do you think should be preserved by the Town?

Answer Options	High Priority	Medium Priority	Low Priority
Ground Water/Aquifers	117	38	1
Ponds and Wetlands	87	54	13
Agricultural Lands	66	76	13
Scenic Areas and View Points	76	56	23
Historic Features	73	61	18
Wildlife Habitat	118	31	7

Question 12: Are Town recreation programs and facilities adequate for your needs?

Yes	83.6%
No	16.4%

Question 13: If you answered no, please explain why.

- Yes, but see item #3.
- Not really any recreations.
- Town pool.
- Swimming pool.
- There should be a public pool.
- Most have bees.
- Basketball courts
- Does not apply.
- The hours (i.e. length of day for camp too short).
- Unaware of Town programs?

- We end up going to Acton for playgrounds, tennis courts, etc.
- No swimming.
- It would be nice to have a "Picnic Shelter/s" at Flerra Field. Bike paths.
- Could use outdoor basketball and tennis courts.
- Need more teen & adult organized recreational programs.
- This Town does not offer much for teens and older.
- There should be more to do for all ages and interests, and more organization.
- Flerra summer camp could be available in 1 week sessions.
- The town would benefit by having a local recreation area/swimming area for kids and teenagers. Would also like to see bike paths/roadway markings to allow for safer bicycling around town.
- Need a healthy town connected place to meet that is unrelated to politics or religion.
- It would be nice to have tennis courts, a basketball court, and possibly a swimming area.
- No safe place to bike.
- Need more programs for teens and young adults.
- Walking group for older adults.
- We need a swimming pond.

Question 14: What additional recreation facilities or recreational programs does the Town need?

Outdoor Swimming Pool/Pond	67.9%
Tennis Courts	42.9%
Neighborhood Playgrounds	26.4%
Skating Pond	35.7%
Neighborhood Community Gardens	22.1%
Small Fishing/Boating Area	33.6%
Basketball Courts	40.0%
Biking Paths	57.1%
New Expanded Community Center	20.0%
Cross-country Skiing	22.1%
Other (please specify)	

Other:

- See item #3.
- Cleared trails for walking, that could also be used as biking paths.
- Skate park.
- Archery range.
- More sidewalks in Boxborough.
- Baseball fields.
- Track field.
- Town pool, tennis court, biking paths.
- Water park.
- Bike paths could double for x-country skiing and snowshoeing when there is snow.

- Soccer artificial turf field with snack shack.
- Nothing!
- We must initiate some plan for deer hunting on conservation land; close on a rotating basis, parcels so hunting deer is allowed, keep in touch with Town of Weston, a pioneer in this effort.
- Sidewalks.
- Indoor sports/social facility.
- Bicycle lane markings in the roadways.
- None. We can use Acton's facilities.
- Do not "need" these, but would be nice.
- How about lower taxes?

Question 15: Would you like to see Flerra Summer Camp extended to a full day?

Yes	25.3%
No	15.6%
No Opinion	59.1%

Question 16: There are a number of programs for children and preteens. Would you like to see more programs for teens, adults and seniors?

Teens	75.6%
Adults	36.1%
Seniors	44.5%

Question 17: The Community Preservation Act (CPA) is a state law that allows cities and towns to impose a real estate tax surcharge of between 1% and 3% (the first \$100,000 of assessed valuation is exempt), the proceeds of which are used for purposes of open space protection (including active recreation), affordable housing, and historical preservation. Would you be in favor of Boxborough adopting the CPA?

Yes	28.6%
No	27.1%
Don't Know	44.3%

Question 18: Are you in favor of allowing single-family cluster development where current density is maintained (1 unit per 60,000 square feet) but the lots are smaller and clustered together in order to permanently preserve open space?

Yes	35.2%
No	29.7%
Don't Know	35.2%

Question 19: What age group are you in?

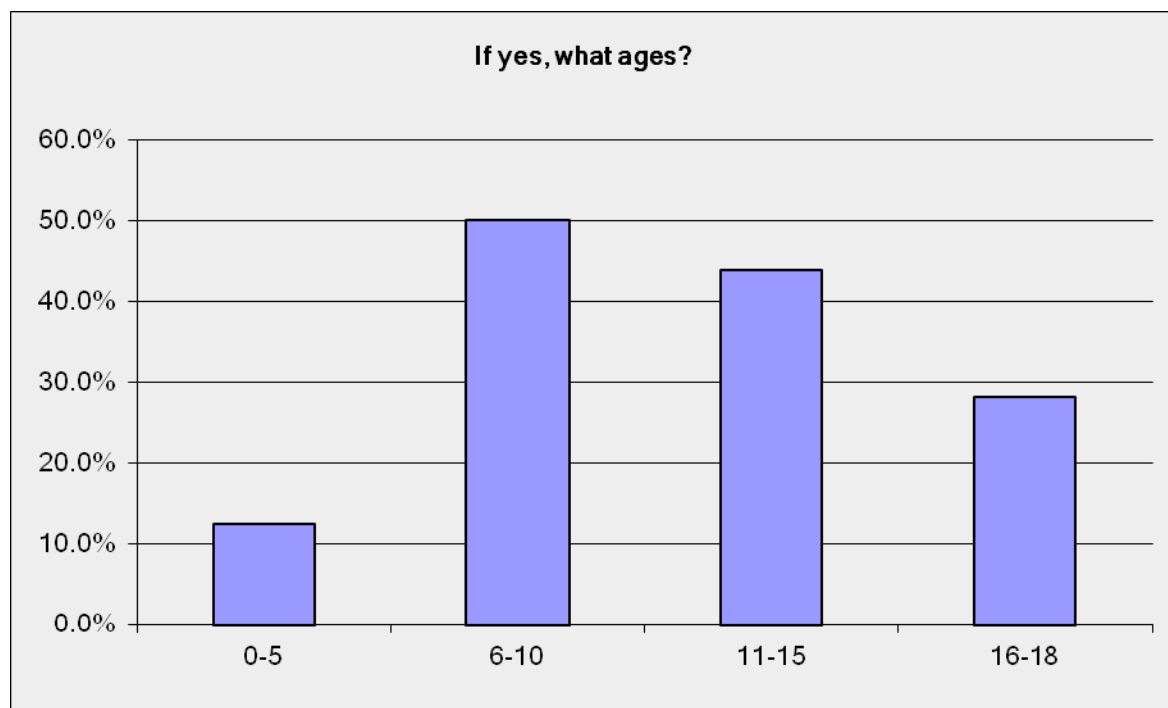
Under 20	45.3%
20-29	0.0%
30-39	4.4%
40-54	18.2%
55 or Older	32.1%

Question 20: Do you have school age children?

Yes	22.7%
No	77.3%

Question 21: If yes, what ages?

0-5	12.5%
6-10	50.0%
11-15	43.8%
16-18	28.1%

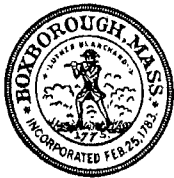


Appendix B

Table 32
Section 504 Facility Inventory/Transition Plan

Table 32 Section 504 Facility Inventory/Transition Plan						
Facility Inventory				Transition Plan		
Name of Park	Facilities	Playing Surface	Physical Obstacles	Recommended Improvements	Year	Responsible Party
Fifer's Field	Gravel parking lot, Porta Potty, soccer field.	Grass	There are steps that lead up to the soccer field from the parking lot.	Create a ramped, accessible path of travel from the parking lot to the soccer field. Add one handicapped accessible Porta Potty.	2017	Recreation Commission
Liberty Fields	Porta Potty, baseball field, gravel parking with three HP spots, picnic tables, bocce courts.	Grass	None.	None are necessary.	NA	NA
Flerra Meadows	Soccer fields, baseball diamond. Playground.	Wood Chips	No accessible path of travel from parking lot to the playground.	Create an accessible path of travel to the ramp of the playground.	2019	Recreation Commission

Appendix C



BOXBOROUGH BOARD OF SELECTMEN
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1712 • Fax: (978) 264-3127
www.boxborough-ma.gov

Vincent M. Amoroso, Chair

Robert T. Stemple, Clerk

Susan M. Bak

Leslie R. Fox

James J. Gorman

May 14, 2015

To Whom It May Concern:

This letter certifies that I, Selina Shaw, have been designated as the Americans with Disabilities Act (ADA) Coordinator for the Town of Boxborough, Massachusetts.

Please do not hesitate to contact me if you have any questions. Thank you.

Sincerely,

Selina Shaw
Town Administrator

Town of Boxborough
The Americans with Disabilities Act (ADA)
The Americans with Disabilities Amendments Act of 2008 (ADAAA)

Section 1. Intent

The Town of Boxborough is committed to full compliance with the Americans with Disabilities Act (“ADA”) and with the Americans with Disabilities Amendments Act of 2008 (“ADAAA”).

Section 2. Policy

The town provides equal opportunity in employment for qualified persons with disabilities, and ensures that all employment practices and activities are conducted on a non-discriminatory basis and in accordance with the ADA, the ADAAA and other applicable federal, state and local laws.

Pre-employment inquiries are made only regarding an applicant’s ability to perform the duties of the position. Reasonable accommodation will be made available to all disabled employees capable of performing the essential functions of the job with reasonable proficiency.

Qualified individuals with disabilities are entitled to equal pay and equal treatment with regard to other forms of compensation (or changes in compensation), as well as in job assignments, classifications, job descriptions and seniority status.

Section 3. Procedure

Any employee who believes that he or she has been discriminated against because of a disability may bring his or her concern directly to the Affirmative Action Officer (AAO). The Town Administrator serves as the Affirmative Action Officer. If the complaint of discrimination is against the Affirmative Action Officer, then the employee may bring the complaint to the Chairman of the Board of Selectmen.

Complaints of discrimination will be thoroughly investigated. If the investigation reveals that discrimination did occur, the town will act promptly to remedy the situation.

Section 4. State and Federal Remedies

In addition to seeking internal problem resolution, an employee may also file a formal complaint with either or both of the government agencies listed below. In order to protect the charging party’s rights, the employee must file a charge with the Massachusetts Commission Against Discrimination (MCAD) within 300 days from the date of the alleged discriminatory act. A complaint under federal law should be filed with the United States Equal Employment Opportunity Commission (EEOC) within 180 days from the date of the alleged discriminatory act. If the charge is also covered by the Massachusetts Commission Against Discrimination (MCAD), the filing deadline may be extended to 300 days.

The Massachusetts Commission Against Discrimination (MCAD)

Boston Office: The John McCormack Building, One Ashburton Place, Room 601, Boston, MA 02108; (617) 994-6000

Worcester Office: Worcester City Hall, 455 Main Street, Room 100, Worcester, MA 01608; (508) 799-8010

Springfield Office: 436 Dwight Street, Second Floor, Room 220, Springfield, MA 01103; (413) 739-2145

New Bedford Office: 800 Purchase Street, Room 501, New Bedford, MA 02740; (508) 990-2390

The United States Equal Employment Opportunity Commission (EEOC)

John F. Kennedy Federal Building, 475 Government Center, Boston, MA 02203; (800) 669-4000

Town of Boxborough
Rules And Regulations for Conservation and Municipal Land
for Use of Other Power-Driven Mobility Devices (OPDMD)
Per the Americans with Disabilities Act (ADA)

1. Introduction and Authority: These Rules and Regulations ("Rules") describe and regulate use of other power-driven mobility devices (OPDMDs) on Town of Boxborough Conservation and Municipal land pursuant to federal regulations amending the Americans with Disabilities Act ("ADA"), Title II, 28 C.F.R., Part 35, effective March 15, 2011.

In addition to these Rules, all Conservation and Municipal land users should be familiar with the Rules & Regulations for Use of Town Land and with good trail etiquette.

These Rules are promulgated by the Conservation Commission and Board of Selectmen pursuant to the authority granted under M.G.L. c. 40, Section 8C.

2. Definitions: For the purposes of these Rules, the following terms shall have the following meanings unless a different meaning is clearly stated:

"Commission" or "Conservation Commission": the Town of Boxborough Conservation Commission.

"Narrow Single Track Trail": Unpaved, narrow gauge trail. This type of trail is for natural areas or steep terrain where environmental or topographic constraints require no user impact to natural resources or for trails that do not provide adequate space to OPDMDs for safe passage of trail-users traveling in opposing directions. All trails not listed in Appendix A are Narrow Single Track Trails.

"Other Power-Driven Mobility Device" or "OPDMD": Any mobility device powered by batteries, fuel, or other engines, whether or not designed primarily for use by individuals with mobility disabilities, that is used by individuals with mobility disabilities for the purpose of locomotion, including golf carts, electronic personal assistance mobility devices (EPAMDs), such as the Segway® PT, or any mobility device designed to operate in areas without defined pedestrian routes, but that is not a wheelchair within the meaning of Part 35 of the Title II Regulations.

"Service Trail": Unpaved, unimproved service trail, typically greater than 8 feet in width, capable of accommodating service vehicle traffic. See Appendix A for list of Service Trails.

"Town": the Town of Boxborough, Massachusetts.

3. Trail Use: Trails on Municipal or Conservation land are available for use by individuals with a mobility disability subject to these Rules. The purposes of these Rules are the physical safety of OPDMD users and other trail users, the protection of sensitive natural resources, noise mitigation and fire prevention.

- a. The use of OPDMDs powered by internal combustion engines is prohibited. The exclusion of gas-powered OPDMDs, as compared to electric-powered OPDMDs, is due to the substantial risk of serious harm to the immediate environment from the fire danger created by the heat of the gas-fired engine and from noise impacts to animal habitats.
- b. Noise emitted by OPDMDs may not exceed 65 decibels.
- c. No person shall operate an OPDMD at a speed in excess of 3 miles per hour, which equals normal walking speed.
- d. OPDMDs must stay on designated trails at all times. Many trails pass near or cross wetlands and are vulnerable to erosion, particularly during wet periods.
- e. No OPDMDs are permitted in historical structures.
- f. Additional limitations are based on the type of trail:
 - i. **Service Trail:** All OPDMDs are allowed on service trails provided that the OPDMDs do not exceed 36" inch maximum width in order to allow safe passage of OPDMDs, pedestrians, equestrian riders, and service vehicles;
 - ii. **Narrow Single Track Trail:** No OPDMD devices are permitted on Narrow Single Track Trails. All trails not assessed as Service Trails are defined as Narrow Single Track Trails (See Appendix A).

4. Limitations:

- a. The adoption of these Rules does not represent an endorsement that the Town's Conservation or Municipal land is safe for any user. Users must exercise reasonable caution and care while on Town Conservation and Municipal land and operate OPDMDs at their own risk.
- b. These Rules may be amended from time to time as new information is available regarding the extent of physical constraints, resource protection criteria, specific trail conditions, and safety concerns for all trail users.
- c. Nothing in these Rules shall contradict federal or Commonwealth of Massachusetts statutes or regulations. In the case of conflict, federal or Commonwealth statutes or regulations shall prevail.

5. Enforcement:

- a. Whoever violates any provision of these Rules may be penalized by indictment or on complaint brought in the District Court. The maximum penalty for each violation shall be fifty dollars (\$50.00).
- b. Whoever violates any provision of the Rules may be penalized by non-criminal disposition as provided in General Laws, Chapter 40, Section 21D, in which case the penalty for each violation shall be fifty dollars (\$50.00) and the enforcing persons shall be the Conservation Commission, its Agent or any Police Officer of the Town.

6. Non-motorized wheelchairs are allowed on all Town Conservation and Municipal land.

7. Additional Information:

Complete trail maps and trail etiquette guidelines are available on the Town website at www.boxborough-ma.gov and in the "Boxborough Trail Guide". The Guide is available at the Boxborough Town Hall and on the Town website.

Appendix A: Service Trails

Users must exercise reasonable caution and care while on Town Conservation and Municipal land and operate OPDMDs at their own risk.

Parcel

Flagg Hill
Flerra Meadows
Have Not Pond
Patch Hill
Rolling Meadows
Steele Farm
Wolf Swamp

Trails

red trail near Flagg Hill Pond
all trails
red trail from Hill Road entrance west of North Cemetery
red and yellow trails from Hill Road entrance
red and yellow trails from Littlefield Road entrance
red and yellow trails from Middle Road entrance
red and yellow trails from Burroughs Road entrance

Americans with Disabilities Act

THIS LOCAL GOVERNMENT complies with the Americans with Disabilities Act of 1990, Public Law 101-336 (ADA), which prohibits discrimination on the basis of disability. The ADA, as applied to cities, counties,

and other local governmental entities, requires that no qualified individual with a disability shall, on the basis of a disability, be denied the benefits of local government services, programs, or activities.

Accordingly, this local government WILL NOT:

- ➔ Refuse to allow a person with a disability to participate in a local government service, program, or activity simply because the person has a disability.
- ➔ Provide services or benefits to individuals with disabilities through programs that are separate or different, unless the separate programs are necessary to ensure that the benefits and services are equally effective.
- ➔ Subject individuals with disabilities to discrimination in employment under any local government service, program, or activity.

This local government WILL:

- ➔ Take appropriate steps to ensure that communications with applicants, participants, and members of the public with disabilities are as effective as communications with others.
- ➔ Make reasonable accommodations in policies, practices, or procedures when necessary to avoid discrimination on the basis of disability, unless a fundamental alteration in a local government program would result.
- ➔ Operate its programs so that, when viewed in their entirety, they are readily accessible to and usable by individuals with disabilities.



FOR FURTHER INFORMATION:

In accordance with Section 35.106 of the ADA's Title II Regulations, all applicants, participants, beneficiaries, and other interested persons are advised that further information may be obtained from this local government and from the Office on the Americans with Disabilities Act, Civil Rights Division, U.S. Department of Justice, Washington, DC 20035-6118 (202) 514-0301 (Voice) or (202) 514-0381 (TDD).

Braille, audio cassette, and computer diskette versions
of this Public Notice are available.

Appendix D

Table 33: Hazardous Materials Releases					
Release Address	Site Name/ Location Aid	Notification Date	Compliance Status	RAO Class	Chemical Type
1425 MASSACHUSETTS AVE	FMR EXXON STATION 3-5805	1/15/1987	REMOPS		Oil and Hazardous Material
SUMMER RD	JOYCE INDUSTRIAL PARK	7/15/1988	RAO	C1	Oil and Hazardous Material
WHITCOMB AVE	CHU ASSOCIATES INC	7/14/1992	WCSPRM		
SWANSON RD	MHD FACILITY 30	12/28/1993	RAO	A1	Oil
STOW RD	NE OF MINUTE AIR FLD	2/28/1994	RAO	A1	Oil
1425 MASSACHUSETTS AVE	EXXON STATION	6/22/1994	RTN CLOSED		Hazardous Material
62 MASSACHUSETTS AVE	NASHOBA VLY OLYMPIA SKATING RINK	8/2/1994	RAO	A1	Hazardous Material
34 MASSACHUSETTS AVE	NASHOBA VLY OLYMPIA	9/22/1995	RAO	A2	Oil
SWANSON RD	MHD FACILITY 30	11/3/1995	RAO	B1	Hazardous Material
871 MA AVE	871 MA AVE	1/24/1997	RAO	A2	Oil and Hazardous Material

Table 33: Hazardous Materials Releases

Release Address	Site Name/ Location Aid	Notification Date	Compliance Status	RAO Class	Chemical Type
1425 MASSACHUSETTS AVE	EXXON STA	5/27/1997	RTN CLOSED		Oil
RTE 495	OFF RAMP EXIT 28	7/9/1998	RAO	A2	Oil
SWANSON RD	MHD FACILITY 30	9/30/1998	RAO	A1	Oil
RTE 495	RTE 495 S AT EXIT 28	3/7/2000	RAO	A1	Oil
LITTLETON COUNTY RD	MAP 4 LOT 173.17A	5/22/2000	RAO	B1	Hazardous Material
MASSACHUSETTS AVE	ROADWAY RELEASE	6/16/2000	RAO	A2	Oil
81 CUNNINGHAM RD	NEW BLUE HILLS SAUGUS REALTY TRUST	6/30/2000	DPS		Hazardous Material
60 CODMAN HILL RD	ENNOVATE INC	8/14/2000	RAO	A1	
RTE 495	RTE 495 S	9/26/2000	RAO	A2	Oil
1425 MASSACHUSETTS AVE	EXXON STA	3/9/2001	RAO	A1	Oil
1146 MASSACHUSETTS AVE	JF LOMMA TRUCKING INC	3/22/2001	RAO	A2	Oil
1425 MASSACHUSETTS AVE	FORMER EXXON MOBIL STATION	6/19/2002	RTN CLOSED		Hazardous Material

Table 33: Hazardous Materials Releases

Release Address	Site Name/ Location Aid	Notification Date	Compliance Status	RAO Class	Chemical Type
1425 MASSACHUSETTS AVE	FORMER EXXON STATION	6/27/2003	RTN CLOSED		Hazardous Material
RTE 495 N	UPS ROADWAY RELEASE	12/12/2003	RAO	A1	
WHITCOMB RD	IMPACTED RESIDENCES	4/1/2004	RAO	A2	Hazardous Material
462 HILL RD	FRANCIS & EMILIE COOLIDGE	12/9/2004	TIER1 D		Hazardous Material
RTE 495 NORTHBOUND	SCOTT W. GRAZIANO TRUCKING CORP	1/6/2005	RAO	A2	Oil
SWANSON RD	HARVARD RIDGE CONDOMINIUMS	3/26/2007	RAO	B1	Hazardous Material
233 SUMMER RD BLDG 3B	ROBINSON MARINE INC	12/4/2006	RAO	A2	
RTE 495 N	CON WAY FREIGHT INC	3/2/2007	RAO	A2	Oil
RTE 495 N	FEDEX GROUND ROADWAY REL	9/5/2007	RAO	A1	Oil
1425 MASSACHUSETTS AVE	VERC BOXBOROUGH EXXON	2/3/2009	RAO	A2	Oil
60 CODMAN HILL ROAD	INDUSTRIAL PARK	2/23/2009	RAO	A1	
60 CODMAN HILL ROAD	INDUSTRIAL PARK	3/18/2009	RAO	A1	Oil

Table 33: Hazardous Materials Releases					
Release Address	Site Name/ Location Aid	Notification Date	Compliance Status	RAO Class	Chemical Type
RTE 495 SOUTH	MILK TANKER ACCIDENT	3/11/2012	RAO	A2	Oil
245 MASSACHUSETTS AVE	GULF GAS STATION	4/7/2012	RAO	A1	Oil
Source: MA Department of Environmental Protection					

Appendix E

Facility Inventory		LOCATION: BEAVER BROOK MEADOWS
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
	Grills	Adequate number
		Height of Cooking Surface
		Located adjacent to accessible paths
Trails	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>Natural, wood chips, gravel & Boardwalks</i>
Swimming Facilities NA	Pools	Dimensions <i>2' - 8'</i>
		Rails <i>NO</i>
		Signage (for visually impaired) <i>NO</i>
	Beaches	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
Play Areas (tot lots) NA	Access Routes	Location from accessible path into water
		Handrails
		Location from accessible parking
Game Areas: *ballfield *basketball *tennis NA	All Play Equipment i.e. swings, slides	Shade provided
		Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Boat Docks NA	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
Fishing Facilities NA	Access Routes	Spectator Seating
		Located adjacent to accessible paths
	Equipment	Handrails
		Arm Rests
Programming NA	Are special programs at your facilities accessible?	Bait Shelves
		Handrails
		Fish Cleaning Tables
		Learn-to-Swim
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	Guided Hikes
		Interpretive Programs
Assistance	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION: BEAVER BROOK MEADOWS		
PARKING		
Total Spaces	Required Accessible Spaces	
Up to 25	1 space	NO ACCESSIBLE SPACES
26-50	2 spaces	
51-75	3 spaces	
76-100	4 spaces	
101-150	5 spaces	
151-200	6 spaces	
201-300	7 spaces	
301-400	8 spaces	
401-500	9 spaces	
Specification for Accessible Spaces	Yes	No Comments/Transition Notes
Accessible space located closest to accessible entrance		X
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X
Sign with international symbol of accessibility at each space or pair of spaces		X
Sign minimum 5 ft, maximum 8 ft to top of sign		X
Surface evenly paved or hard-packed (no cracks)		X
Surface slope less than 1:20, 5%		X
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X
RAMPS		
Specification	Yes	No Comments/Transition Notes
Slope Maximum 1:12		NA
Minimum width 4 ft between handrails		NA
Handrails on both sides if ramp is longer than 6 ft		NA
Handrails at 34" and 19" from ramp surface		NA
Handrails extend 12" beyond top and bottom		NA
Handgrip oval or round		NA
Handgrip smooth surface		NA
Handgrip diameter between 1 1/4" and 2"		NA
Clearance of 1 1/4" between wall and wall rail		NA
Non-slip surface		NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		NA

LOCATION BEAVER BROOK MEADOWS

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous common surface, no changes in level greater than 1/8 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/8" thick are securely fastened			NA
Door mats more than 1/8" thick are recessed			NA
Grates in path of travel have openings of 1/4" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION BEAVER BROOK MEADOWS

STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/4" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION **BEAVER BROOK MEADOWS**

RESTROOMS - also see Doors and Vestibules - NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide, by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: **NOT APPLICABLE**

LOCATION **BEAVER BROOK MEADOWS**

FLOORS, DRINKING FOUNTAINS, TELEPHONES - NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: **NOT APPLICABLE**

LOCATION BENEF BROOK MEADOWS			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION			
PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory		LOCATION: PETERS FIELD
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material PAVED Dimensions 3' Rails NO Signage (for visually impaired) NO
Swimming Facilities NA	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
Play Areas (tot lots) NO	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths Yes Berm cuts onto courts NA
	Equipment	Height NA Dimensions NA Spectator Seating NO
Boat Docks NA	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings.	

LOCATION **FIFER'S FIELD**

PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	✓		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		✓	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		✓	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		✓	
Sign with international symbol of accessibility at each space or pair of spaces		✓	
Sign minimum 5 ft, maximum 8 ft to top of sign		✓	
Surface evenly paved or hard-packed (no cracks)	✓		
Surface slope less than 1:20, 5%	✓		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			NA
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			NA
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION **FIFER'S FIELD**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	✓		
Disembarking area at accessible entrance	✓		
Surface evenly paved or hard-packed	✓		
No ponding of water	✓		
Path of Travel			
Path does not require the use of stairs	✓		
Path is stable, firm and slip resistant	✓		
3 ft wide minimum	✓		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		✓	
Continuous common surface, no changes in level greater than 1/4 inch		✓	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	✓		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			NA
Curb on the pathway must have curb cuts at drives, parking and drop-offs			NA
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/4" thick are securely fastened			NA
Door mats more than 1/4" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION

FIFER'S FIELD

STAIRS and DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
NA			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
NA			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES NO STAIRS OR DOORS

LOCATION

RESTROOMS – also see Doors and Vestibules

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor		X	
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach		X	
Mounted without pedestal or legs, height 34" to top of rim		X	
Extends at least 22" from the wall		X	
Open knee space a minimum 19" deep, 30" width, and 27" high		X	
Cover exposed pipes with insulation		X	
Faucets operable with closed fist (lever or spring activated handle)		X	
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep		X	
Stall door is 36" wide		X	
Stall door swings out		X	
Stall door is self closing		X	
Stall door has a pull latch		X	
Lock on stall door is operable with a closed fist, and 32" above the floor		X	
Coat hook is 54" high		X	
Toilet			
18" from center to nearest side wall		X	
42" minimum clear space from center to farthest wall or fixture		X	
Top of seat 17"-19" above the floor		X	
Grab Bars			
On back and side wall closest to toilet		X	
1 1/4" diameter		X	
1 1/2" clearance to wall		X	
Located 30" above and parallel to the floor		X	
Acid-etched or roughened surface		X	
42" long		X	
Fixtures			
Toilet paper dispenser is 24" above floor		X	
One mirror set a maximum 38" to bottom (if tilted, 42")		X	
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor		X	

NOTES Seasonal Port-a-potty May-November

LOCATION

FLOORS, DRINKING FOUNTAINS, TELEPHONES

Specification	Yes	No	Comments/Transition Notes
Floors NA			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains NA			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones NA			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES NA			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs NA			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc. must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs NA			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1/2" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory		LOCATION: FLAGG HILL
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
	Grills	Back and Arm Rests
		Adequate number
	Trash Cans	Height of Cooking Surface
Trails	Picnic Shelters	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Swimming Facilities NA	Pools	Surface material: <u>Natural</u>
		Dimensions: <u>2' - 8'</u>
	Beaches	Rails: <u>NO</u>
		Signage (for visually impaired): <u>NO</u>
		Entrance
Play Areas (tot lots) NA	Access Routes	Location from accessible parking
		Safety features i.e. warning for visually impaired
	Equipment	Location from accessible path into water
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Handrails
		Location from accessible parking
	Equipment	Shade provided
Boat Docks NA	Access Routes	All Play Equipment i.e. swings, slides
		Same experience provided to all
	Equipment	Located adjacent to accessible paths
Fishing Facilities NA	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
	Equipment	Berm cuts onto courts
Programming NA	Access Routes	Height
		Dimensions
	Equipment	Spectator Seating
Services and Technical Assistance NA	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
Information available in alternative formats i.e. for visually impaired	Are special programs at your facilities accessible?	Bait Shelves
		Handrails
	Interpretive Programs	Fish Cleaning Tables
Process to request interpretive services (i.e. sign language interpreter) for meetings	Learn-to-Swim	Learn-to-Swim
		Guided Hikes
	Interpretive Programs	Interpretive Programs

LOCATION: FLAGG HILL		
PARKING		
Total Spaces	Required Accessible Spaces	
Up to 25	1 space	
26-50	2 spaces	
51-75	3 spaces	
76-100	4 spaces	
101-150	5 spaces	
151-200	6 spaces	
201-300	7 spaces	
301-400	8 spaces	
401-500	9 spaces	
Specification for Accessible Spaces	Yes No Comments/Transition Notes	
Accessible space located closest to accessible entrance	X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	X	
Sign with international symbol of accessibility at each space or pair of spaces	X	
Sign minimum 5 ft, maximum 8 ft to top of sign	X	
Surface evenly paved or hard-packed (no cracks)	X	
Surface slope less than 1:20, 5%	X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	X	
RAMPS		
Specification	Yes No	Comments/Transition Notes
Slope Maximum 1:12		NA
Minimum width 4 ft between handrails		NA
Handrails on both sides if ramp is longer than 6 ft		NA
Handrails at 34" and 19" from ramp surface		NA
Handrails extend 12" beyond top and bottom		NA
Handgrip oval or round		NA
Handgrip smooth surface		NA
Handgrip diameter between 1 1/4" and 2"		NA
Clearance of 1 1/2" between wall and wall rail		NA
Non-slip surface		NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		NA

LOCATION FLAGG HILL
SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous common surface, no changes in level greater than 1/8 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION FLAGG HILL
STAIRS and DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION FLAGG HILL			
RESTROOMS – also see Doors and Vestibules NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: NOT APPLICABLE

LOCATION FLAGG HILL			
FLOORS, DRINKING FOUNTAINS, TELEPHONES NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/2" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: NOT APPLICABLE

LOCATION

FLAGG HILL

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: FLERAA MEADOWS

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths YES
		Access to Open Spaces YES
		Back and Arm Rests NO
		Adequate number YES
	Grills	Height of Cooking Surface NA
		Located adjacent to accessible paths NA
	Trash Cans	Located adjacent to accessible paths YES
		Located adjacent to accessible paths NA
Trails		Located near accessible water fountains, trash can, restroom, parking, etc. NA
		Surface material Natural
		Dimensions 2' - 8'
		Rails NO
Swimming Facilities	Pools	Signage (for visually impaired) NO
		Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
Play Areas (not lots)	All Play Equipment i.e. swings, slides	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Game Areas: *baseball *basketball *tennis *soccer/baseball	Access Routes	Same experience provided to all
		Located adjacent to accessible paths YES
		Enough space between equipment for wheelchair YES
		Located adjacent to accessible paths YES
Boat Docks NA	Access Routes	Berm cuts onto courts NA
		Height
		Dimensions
		Spectator Seating YES
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths
		Handrails
		Located adjacent to accessible paths
		Handrails
Programming	Are special programs at your facilities accessible? summer day camp	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	Learn-to-Swim NO
		Guided Hikes NO
		Interpretive Programs NO
		Process to request interpretive services (i.e. sign language interpreter) for meetings NO

LOCATION

FLERKA MEADOWS

PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	✓		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			NA
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	✓		
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		✓	
Sign with international symbol of accessibility at each space or pair of spaces		✓	
Sign minimum 5 ft, maximum 8 ft to top of sign		✓	
Surface evenly paved or hard-packed (no cracks)	✓		
Surface slope less than 1:20, 5%	✓		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			NA
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			NA
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12		✓	NO RAMPS
Minimum width 4 ft between handrails		✓	
Handrails on both sides if ramp is longer than 6 ft		✓	
Handrails at 34" and 19" from ramp surface		✓	
Handrails extend 12" beyond top and bottom		✓	
Handgrip oval or round		✓	
Handgrip smooth surface		✓	
Handgrip diameter between 1 1/4" and 2"		✓	
Clearance of 1 1/2" between wall and wall rail		✓	
Non-slip surface		✓	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		✓	

LOCATION

FLERKA MEADOWS

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	✓		
Disembarking area at accessible entrance	✓		
Surface evenly paved or hard-packed	✓		
No ponding of water	✓		
Path of Travel			
Path does not require the use of stairs	✓		
Path is stable, firm and slip resistant	✓		
3 ft wide minimum	✓		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)	✓		
Continuous common surface, no changes in level greater than 1/2 inch		✓	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	✓		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			NA
Curb on the pathway must have curb cuts at drives, parking and drop-offs			NA
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft, from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/8" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION

Flerra Meadows

STAIRS and DOORS

NA

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES Not Applicable

LOCATION

Flerra Meadows

RESTROOMS - also see Doors and Vestibules

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor		X	
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach		X	
Mounted without pedestal or legs, height 34" to top of rim		X	
Extends at least 22" from the wall		X	
Open knee space a minimum 19" deep, 30" width, and 27" high		X	
Cover exposed pipes with insulation		X	
Faucets operable with closed fist (lever or spring activated handle)		X	
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep		X	
Stall door is 36" wide		X	
Stall door swings out		X	
Stall door is self closing		X	
Stall door has a pull latch		X	
Lock on stall door is operable with a closed fist, and 32" above the floor		X	
Coat hook is 54" high		X	
Toilet			
18" from center to nearest side wall		X	
42" minimum clear space from center to farthest wall or fixture		X	
Top of seat 17"-19" above the floor		X	
Grab Bars			
On back and side wall closest to toilet		X	
1 1/4" diameter		X	
1 1/2" clearance to wall		X	
Located 30" above and parallel to the floor		X	
Acid-etched or roughened surface		X	
42" long		X	
Fixtures			
Toilet paper dispenser is 24" above floor		X	
One mirror set a maximum 38" to bottom (if tilted, 42")		X	
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor		X	

NOTES

Restrooms are 2 seasonal (May-November) port-a-potties.

LOCATION FLERRA MEADOWS

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
Specification	Yes	No	Comments/Transition Notes
Floors NA			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	X		
Hand operated push button or level controls	X		
Spouts located near front with stream of water as parallel to front as possible	X		
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			NA
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	X		
Telephones NA			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs NA			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc. must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs NA			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES One drinking fountain - outdoors
Seasonal May - November

LOCATION

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area NA			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use NA			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep		X	
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory		LOCATION: <u>HAGREN LAND</u>
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
	Grills	Adequate number
		Height of Cooking Surface
		Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material <u>Natural, wood chips</u> Dimensions <u>2' - 3'</u> Rails <u>NO</u> Signage (for visually impaired) <u>NO</u>
Swimming Facilities NA	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
		Location from accessible path into water
	Beaches	Handrails Location from accessible parking Shade provided
Play Areas (tot lots) NA	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height Dimensions Spectator Seating
Boat Docks NA	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths Handrails
		Arm Rests
	Equipment	Bait Shelves Handrails Fish Cleaning Tables
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION <u>HAGREN LAND</u>	
PARKING	
Total Spaces	Required Accessible Spaces
<u>Up to 25</u>	1 space <u>NO ACCESSIBLE SPACES</u>
26-50	2 spaces
51-75	3 spaces
76-100	4 spaces
101-150	5 spaces
151-200	6 spaces
201-300	7 spaces
301-400	8 spaces
401-500	9 spaces
Specification for Accessible Spaces	Yes No Comments/Transition Notes
Accessible space located closest to accessible entrance	<input checked="" type="checkbox"/>
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input checked="" type="checkbox"/>
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input checked="" type="checkbox"/>
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input checked="" type="checkbox"/>
Sign with international symbol of accessibility at each space or pair of spaces	<input checked="" type="checkbox"/>
Sign minimum 5 ft, maximum 8 ft to top of sign	<input checked="" type="checkbox"/>
Surface evenly paved or hard-packed (no cracks)	<input checked="" type="checkbox"/>
Surface slope less than 1:20, 5%	<input checked="" type="checkbox"/>
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input checked="" type="checkbox"/>
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input checked="" type="checkbox"/>
RAMPS	
Specification	Yes No Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/> <input type="checkbox"/> NA
Minimum width 4 ft between handrails	<input type="checkbox"/> <input type="checkbox"/> NA
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/> <input type="checkbox"/> NA
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/> <input type="checkbox"/> NA
Handrails extend 12" beyond top and bottom	<input type="checkbox"/> <input type="checkbox"/> NA
Handgrip oval or round	<input type="checkbox"/> <input type="checkbox"/> NA
Handgrip smooth surface	<input type="checkbox"/> <input type="checkbox"/> NA
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/> <input type="checkbox"/> NA
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/> <input type="checkbox"/> NA
Non-slip surface	<input type="checkbox"/> <input type="checkbox"/> NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/> <input type="checkbox"/> NA

LOCATION **HAGER LAND**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/8 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION **HAGER LAND**

STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION HAGER LAND			
RESTROOMS – also see Doors and Vestibules - NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: NOT APPLICABLE

LOCATION HAGER LAND			
FLOORS, DRINKING FOUNTAINS, TELEPHONES NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: NOT APPLICABLE

LOCATION HAGER LAND

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: HAGER MEADOW

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <u>Natural</u> Dimensions <u>21 - 31</u> Rails <u>no</u> Signage (for visually impaired) <u>no</u>
Trails		
Swimming Facilities NA	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
Play Areas (not lots) NA	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Located adjacent to accessible paths
	Equipment	Berm cuts onto courts Height Dimensions Spectator Seating
Boat Docks NA	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION **HAGER MEADOW**

PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space	NO ACCESSIBLE SPACES	
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with International symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION **HAGER MEADOW**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/4 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION HAGER MEADOW

STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES: NOT APPLICABLE

LOCATION HAGER MEADOW

RESTROOMS – also see Doors and Vestibules – NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: NOT APPLICABLE

LOCATION

HAGER MEADOW

FLOORS, DRINKING FOUNTAINS, TELEPHONES

NA

Specification Yes No Comments/Transition Notes

Floors

Non-slip surface

Carpeting is high-density, low pile, non-absorbent,

stretched taut, securely anchored

Corridor width minimum is 3 ft

Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor

Drinking Fountains

Spouts no higher than 36" from floor to outlet

Hand operated push button or level controls

Spouts located near front with stream of water as parallel to front as possible

If recessed, recess a minimum 30" width, and no deeper than depth of fountain

If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach

Telephones

Highest operating part a maximum 54" above the floor

Access within 12" of phone, 30" high by 30" wide

Adjustable volume control on headset so identified

SIGNS, SIGNALS, AND SWITCHES

Specification Yes No Comments/Transition Notes

Switches, Controls and Signs

Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach

Electrical outlets centered no lower than 18" above the floor

Warning signals must be visual as well as audible

Signs

Mounting height must be 60" to centerline of the sign

Within 18" of door jamb or recessed

Letters and numbers at least 1 1/4" high

Letters and numbers raised .03"

Letters and numbers contrast with the background color

NOTES : NOT APPLICABLE

LOCATION

HAGER MEADOW

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification Yes No Comments/Transition Notes

Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides

Lifting device

Transfer area 18" above the path of travel and a minimum of 18" wide

Unobstructed path of travel not less than 48" wide around pool

Non-slip surface

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification Yes No Comments/Transition Notes

Stalls 36" by 60" minimum, with a 36" door opening

Floors are pitched to drain the stall at the corner farthest from entrance

Floors are non-slip surface

Controls operate by a single lever with a pressure balance mixing valve

Controls are located on the center wall adjacent to the hinged seat

Shower heads attached to a flexible metal hose

Shower heads attached to wall mounting adjustable from 42" to 72" above the floor

Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long

Soap trays without handhold features unless they can support 250 pounds

2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar

Grab bars are placed horizontally at 36" above the floor line

LOCATION

PICNICKING

Specification Yes No Comments/Transition Notes

A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access

For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.

Top of table no higher than 32" above ground

Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions

Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter

Facility Inventory

LOCATION: Half Moon Meadow

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths —
		Access to Open Spaces —
		Back and Arm Rests —
		Adequate number —
	Grills	Height of Cooking Surface —
	Trash Cans	Located adjacent to accessible paths —
Trails		Located adjacent to accessible paths —
		Located near accessible water fountains, trash can, restroom, parking, etc. —
Swimming Facilities NA	Pools	Surface material Natural, Wood Chips, Boardwalks
		Dimensions 21' x 31'
		Rails NO
		Signage (for visually impaired) NO
Play Areas (tot lots) NA	All Play Equipment i.e. swings, slides	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
		Location from accessible path into water
Game Areas: *baseball *basketball *tennis NA	Access Routes	Handrails
		Location from accessible parking
		Shade provided
		Same experience provided to all
Boat Docks : NA	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
		Located adjacent to accessible paths
		Berm cuts onto courts
Fishing Facilities NA	Equipment	Height
		Dimensions
		Spectator Seating
		Located adjacent to accessible paths
Programming NA	Are special programs at your facilities accessible?	Handrails
		Arm Rests
		Bait Shelves
		Handrails
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	Fish Cleaning Tables
		Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Process to request interpretive services (i.e. sign language interpreter) for meetings		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

LOCATION: Half Moon Meadow

PARKING			
Total Spaces	Required Accessible Spaces		
(Up to 25)	1 space		NO ACCESSIBLE SPACES
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS NONE			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION: Half-Moon Meadow

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous common surface, no changes in level greater than 1/4 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/4" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION: Half-Moon Meadow

STAIRS and DOORS NA

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			NA
Nosings not projecting			NA
Treads no less than 11" wide			NA
Handrails on both sides			NA
Handrails 34"-38" above tread			NA
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			NA
Handgrip oval or round			NA
Handgrip has a smooth surface			NA
Handgrip diameter between 1 1/4" and 1 1/2"			NA
1 1/2" clearance between wall and handrail			NA
Doors			
Minimum 32" clear opening			NA
At least 18" clear floor space on pull side of door			NA
Closing speed minimum 3 seconds to within 3" of the latch			NA
Maximum pressure 5 pounds interior doors			NA
Threshold maximum 1/2" high, beveled on both sides			NA
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			NA
Hardware minimum 36", maximum 48" above the floor			NA
Clear, level floor space extends out 5 ft from both sides of the door			NA
Door adjacent to revolving door is accessible and unlocked			NA
Doors opening into hazardous area have hardware that is knurled or roughened			NA

NOTES

LOCATION: Half-Moon Meadow

RESTROOMS – also see Doors and Vestibules

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			NA
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			NA
Mounted without pedestal or legs, height 34" to top of rim			NA
Extends at least 22" from the wall			N/A
Open knee space a minimum 19" deep, 30" width, and 27" high			NA
Cover exposed pipes with insulation			NA
Faucets operable with closed fist (lever or spring activated handle)			NA
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			NA
Stall door is 36" wide			NA
Stall door swings out			NA
Stall door is self closing			NA
Stall door has a pull latch			NA
Lock on stall door is operable with a closed fist, and 32" above the floor			NA
Coat hook is 54" high			NA
Toilet			
18" from center to nearest side wall			NA
42" minimum clear space from center to farthest wall or fixture			NA
Top of seat 17"-19" above the floor			NA
Grab Bars			
On back and side wall closest to toilet			NA
1 1/4" diameter			NA
1 1/2" clearance to wall			NA
Located 30" above and parallel to the floor			NA
Acid-etched or roughened surface			NA
42" long			NA
Fixtures			
Toilet paper dispenser is 24" above floor			NA
One mirror set a maximum 38" to bottom (if tilted, 42")			NA
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			NA

NOTES

LOCATION: Half-Moon Meadow

FLOORS, DRINKING FOUNTAINS, TELEPHONES

Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			NA
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			NA
Corridor width minimum is 3 ft			NA
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			NA
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			NA
Hand operated push button or level controls			NA
Spouts located near front with stream of water as parallel to front as possible			NA
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			NA
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			NA
Telephones			
Highest operating part a maximum 54" above the floor			NA
Access within 12" of phone, 30" high by 30" wide			NA
Adjustable volume control on headset so identified			NA
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			NA
Electrical outlets centered no lower than 18" above the floor			NA
Warning signals must be visual as well as audible			NA
Signs			
Mounting height must be 60" to centerline of the sign			NA
Within 18" of door jamb or recessed			NA
Letters and numbers a t least 1/4" high			NA
Letters and numbers raised .03"			NA
Letters and numbers contrast with the background color			NA

NOTES

LOCATION: Half Moon Meadow

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION: Half-Moon Meadow

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION: Half-Moon Meadow

PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: HAVE NOT POND

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths Located adjacent to accessible paths
	Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.
	Trails	Surface material: <i>Natural, woodchips, gravel, etc.</i> Dimensions: <i>2' - 3'</i> Rails: <i>NO</i> Signage (for visually impaired): <i>NO</i>
Swimming Facilities NA	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	Play Areas (tot lots)	All Play Equipment i.e. swings, slides Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
	Game Areas: *ballfield *basketball *tennis NA	Access Routes Located adjacent to accessible paths Berm cuts onto courts
Boat Docks NA	Equipment	Height Dimensions Spectator Seating
	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities NA	Access Routes	Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
	Programming NA	Are special programs at your facilities accessible?
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION **HAVE NOT POND**

PARKING		Required Accessible Spaces	
Total Spaces			
Up to 25		1 space	NO ACCESSIBLE SPACES
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION **HAVE NOT POND**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/4 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mass less than 1/4" thick are securely fastened			NA
Door mass more than 1/4" thick are recessed			NA
Grates in path of travel have openings of 1/4" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION

HAVE NOT POND

STAIRS and DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION

HAVE NOT POND

RESTROOMS – also see Doors and Vestibules

- NA

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES : NOT APPLICABLE

LOCATION

HAVE NOT POND

Specification	Yes	No	Comments/Transition Notes
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/2" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES : NOT APPLICABLE

LOCATION

HAVE NOT POND

Specification	Yes	No	Comments/Transition Notes
SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area			
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory		LOCATION: <u>HEATH HEN MEADOWS</u>
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
Trails	Picnic Shelters	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <u>Natural</u>
Swimming Facilities NA	Pools	Dimensions <u>2' - 3'</u>
		Rails <u>NO</u>
		Signage (for visually impaired) <u>NO</u>
Play Areas (tot lots) NA	Beaches	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
Game Areas: *baseball *basketball *tennis NA	Access Routes	Location from accessible path into water
		Handrails
		Location from accessible parking
Boat Docks NA	Equipment	Shade provided
		Same experience provided to all
		Located adjacent to accessible paths
Fishing Facilities NA	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
		Berm cuts onto courts
Programming NA	Equipment	Height
		Dimensions
		Spectator Seating
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	Located adjacent to accessible paths
		Handrails
		Arm Rests
Bait Shelves	Handrails	Handrails
		Handrails
		Fish Cleaning Tables
Interpretive Programs	Learn-to-Swim	Learn-to-Swim
		Guided Hikes
		Interpretive Programs

LOCATION		HEATH HEN MEADOWS	
PARKING			
Total Spaces		Required Accessible Spaces	
Up to 25		1 space	NO ACCESSIBLE SPACES
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION HEATH HEN MEADOWS

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous, common surface, no changes in level greater than 1/8 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION HEATH HEN MEADOWS

STAIRS and DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 3/4"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION HEATH HEN MEADOWS			
RESTROOMS – also see Doors and Vestibules NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES : NOT APPLICABLE

LOCATION HEATH HEN MEADOWS			
FLOORS, DRINKING FOUNTAINS, TELEPHONES NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES : NOT APPLICABLE

LOCATION

HEATH HEN MEADOWS

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: LIBERTY FIELD

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths NA
		Access to Open Spaces ✓
		Back and Arm Rests NO
	Grills	Adequate number YES
		Height of Cooking Surface NO
		Located adjacent to accessible paths NO
Picnic Facilities	Trash Cans	Located adjacent to accessible paths NA
	Picnic Shelters	Located adjacent to accessible paths NA
		Located near accessible water fountains, trash can, restroom, parking, etc. NA
Trails NA		Surface material
		Dimensions
		Rails
Swimming Facilities	Pools	Signage (for visually impaired)
		Entrance
		Location from accessible parking
	Beaches	Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
Play Areas (tot lots) NA	All Play Equipment i.e. swings, slides	Location from accessible parking
		Shade provided
		Same experience provided to all
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
		Located adjacent to accessible paths OVER GRASS
Boat Docks NA	Access Routes	Berm cuts onto courts NA
		Height NA
		Dimensions NA
Fishing Facilities NA	Equipment	Spectator Seating NA Bleachers
		Located adjacent to accessible paths
		Handrails
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
		Process to request interpretive services (i.e. sign language interpreter) for meetings

next to picnic tables
+ parking lot

LOCATION

LIBERTY FIELD

PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	✓		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			NA
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	✓		
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		NO	
Sign with international symbol of accessibility at each space or pair of spaces		NO	
Sign minimum 5 ft. maximum 8 ft to top of sign		NO	
Surface evenly paved or hard-packed (no cracks)		NO	
Surface slope less than 1:20, 5%	✓		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			NA
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			NA
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION

LIBERTY FIELD

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	✓		
Disembarking area at accessible entrance			NA
Surface evenly paved or hard-packed		NO	
No ponding of water		NO	
Path of Travel			
Path does not require the use of stairs	✓		
Path is stable, firm and slip resistant		NO	
3 ft wide minimum	✓		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)	✓		
Continuous common surface, no changes in level greater than 1/4 inch		NO	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	✓		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			NA
Curb on the pathway must have curb cuts at drives, parking and drop-offs			NA
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/4" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION

STAIRS and DOORS NA

Specification	Yes	No	Comments/Transition Notes
Stairs			NA
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			NA
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES

LOCATION

RESTROOMS – also see Doors and Vestibules

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor		X	
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach		X	
Mounted without pedestal or legs, height 34" to top of rim		X	
Extends at least 22" from the wall		X	
Open knee space a minimum 19" deep, 30" width, and 27" high		X	
Cover exposed pipes with insulation		X	
Faucets operable with closed fist (lever or spring activated handle)		X	
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep		X	
Stall door is 36" wide		X	
Stall door swings out		X	
Stall door is self closing		X	
Stall door has a pull latch		X	
Lock on stall door is operable with a closed fist, and 32" above the floor		X	
Coat hook is 54" high		X	
Toilet			
18" from center to nearest side wall		X	
42" minimum clear space from center to farthest wall or fixture		X	
Top of seat 17"-19" above the floor		X	
Grab Bars			
On back and side wall closest to toilet		X	
1 1/2" diameter		X	
1 1/2" clearance to wall		X	
Located 30" above and parallel to the floor		X	
Acid-etched or roughened surface		X	
42" long		X	
Fixtures			
Toilet paper dispenser is 24" above floor		X	
One mirror set a maximum 38" to bottom (if tilted, 42")		X	
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor		X	

NOTES Seasonal port-a-potty May - November

LOCATION

FLOORS, DRINKING FOUNTAINS, TELEPHONES

Specification	Yes	No	Comments/Transition Notes
Floors NA			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains NA			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones NA			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specifications	Yes	No	Comments/Transition Notes
Switches, Controls and Signs NA			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc. must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs NA			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space, and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		✓	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep		✗	
Top of table no higher than 32" above ground	✗		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		✗	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		✗	

Facility Inventory		LOCATION: PATCH HILL
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
	Grills	Adequate number
		Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
Trails	Picnic Shelters	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <u>Natural, wood chips, boardwalk</u>
Swimming Facilities NA	Pools	Dimensions <u>21 - 3'</u>
		Rails <u>NO</u>
		Signage (for visually impaired) <u>NO</u>
Play Areas (tot lots) NA	Beaches	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Location from accessible path into water
		Handrails
		Location from accessible parking
Boat Docks NA	Equipment	Shade provided
		All Play Equipment i.e. swings, slides
		Same experience provided to all
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
		Located adjacent to accessible paths
Programming NA	Equipment	Berm cuts onto courts
		Height
		Dimensions
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	Spectator Seating
		Located adjacent to accessible paths
		Handrails
Are special programs at your facilities accessible?	Guided Hikes	Arm Rests
		Bait Shelves
		Handrails
Interpretive Programs	Fish Cleaning Tables	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Process to request interpretive services (i.e. sign language interpreter) for meetings	Information available in alternative formats i.e. for visually impaired	Handgrip smooth surface
		Handgrip diameter between 1 1/4" and 2"
		Clearance of 1 1/2" between wall and wall rail

LOCATION PATCH HILL			
PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space	NO ACCESSIBLE SPACES	
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION **PATCH HILL**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous common surface, no changes in level greater than 1/8 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/4" thick are securely fastened			NA
Door mats more than 1/8" thick are recessed			NA
Grates in path of travel have openings of 1/4" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION **PATCH HILL**

STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION **PATCH HILL**

RESTROOMS – also see Doors and Vestibules – NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: **NOT APPLICABLE**

LOCATION **PATCH HILL**

FLOORS, DRINKING FOUNTAINS, TELEPHONES – NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/2" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: **NOT APPLICABLE**

LOCATION PATCH HILL

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: PETTINGHILL PARK

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface
	Grills	Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Dimensions Rails Signage (for visually impaired)
Trails NA		Entrance Location from accessible parking Safety features i.e. warning for visually impaired Location from accessible path into water Handrails Location from accessible parking Shade provided
Swimming Facilities NA	Pools	
	Beaches	
Play Areas (tot lots) NA	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Located adjacent to accessible paths
	Equipment	Berm cuts onto courts Height Dimensions Spectator Seating
Boat Docks NA	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths
	Equipment	Handrails Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

There are no trails or other facilities on this parcel.

LOCATION **PETTINGILL PARK**
PARKING **NA**

Specification	Yes	No	Comments/Transition Notes
Total Spaces			
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
Specification for Accessible Spaces			
Accessible space located closest to accessible entrance			
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			
RAMPS NA			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1 1/4" and 2"			
Clearance of 1 1/2" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

LOCATION **PETTINGILL PARK**

Specification	Yes	No	Comments/Transition Notes
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/4 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft, from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in paths of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION **PETTINGILL PARK**

STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION **PETTINGILL PARK**

RESTROOMS - also see Doors and Vestibules - NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES : NOT APPLICABLE

LOCATION **PETTINGILL PARK**

FLOORS, DRINKING FOUNTAINS, TELEPHONES **NA**

Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/2" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES : NOT APPLICABLE

LOCATION **PETTINGILL PARK**

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without soe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory		LOCATION: ROLLING MEADOWS
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
	Grills	Back and Arm Rests
		Adequate number
	Trish Cans	Height of Cooking Surface
Trails	Picnic Shelters	Located adjacent to accessible paths
		Located adjacent to accessible paths
Swimming Facilities NA	Pools	Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Natural, Wood chips, Bricks, walls
Play Areas (not lots) NA	Beaches	Dimensions 21' - 41'
		Rails NA
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Signage (for visually impaired) NA
		Entrance
Boat Docks NA	Equipment	Location from accessible parking
		Safety features i.e. warning for visually impaired
Fishing Facilities NA	Access Routes	Location from accessible path into water
		Handrails
Programming NA	Equipment	Location from accessible parking
		Shade provided
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	Same experience provided to all
		Located adjacent to accessible paths
Trails	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
Game Areas: *ballfield *basketball *tennis NA	Equipment	Berm cuts onto courts
		Height
Boat Docks NA	Access Routes	Dimensions
		Spectator Seating
Fishing Facilities NA	Equipment	Located adjacent to accessible paths
		Handrails
Programming NA	Information available in alternative formats i.e. for visually impaired	Arm Rests
		Bait Shelves
Services and Technical Assistance NA	Process to request interpretive services (i.e. sign language interpreter) for meetings	Handrails
		Fish Cleaning Tables
Trails	Access Routes	Learn-to-Swim
		Guided Hikes
Game Areas: *ballfield *basketball *tennis NA	Equipment	Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
Boat Docks NA	Access Routes	Process to request interpretive services (i.e. sign language interpreter) for meetings
		Handrails
Fishing Facilities NA	Equipment	Arm Rests
		Bait Shelves
Programming NA	Information available in alternative formats i.e. for visually impaired	Handrails
		Fish Cleaning Tables
Services and Technical Assistance NA	Process to request interpretive services (i.e. sign language interpreter) for meetings	Learn-to-Swim
		Guided Hikes
Trails	Access Routes	Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
Game Areas: *ballfield *basketball *tennis NA	Equipment	Process to request interpretive services (i.e. sign language interpreter) for meetings
		Handrails
Boat Docks NA	Access Routes	Arm Rests
		Bait Shelves
Fishing Facilities NA	Equipment	Handrails
		Fish Cleaning Tables
Programming NA	Information available in alternative formats i.e. for visually impaired	Learn-to-Swim
		Guided Hikes
Services and Technical Assistance NA	Process to request interpretive services (i.e. sign language interpreter) for meetings	Interpretive Programs
		Information available in alternative formats i.e. for visually impaired

ROLLING MEADOWS

LOCATION		
PARKING		
Total Spaces	Required Accessible Spaces	
Up to 25	1 space	
26-50	2 spaces	
51-75	3 spaces	
76-100	4 spaces	
101-150	5 spaces	
151-200	6 spaces	
201-300	7 spaces	
301-400	8 spaces	
401-500	9 spaces	
Specification for Accessible Spaces	Yes No Comments/Transition Notes	
Accessible space located closest to accessible entrance	X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	X	
Sign with international symbol of accessibility at each space or pair of spaces	X	
Sign minimum 5 ft, maximum 8 ft to top of sign	X	
Surface evenly paved or hard-packed (no cracks)	X	
Surface slope less than 1:20, 5%	X	
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	X	
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	X	
RAMPS		
Specification	Yes No Comments/Transition Notes	
Slope Maximum 1:12		NA
Minimum width 4 ft between handrails		NA
Handrails on both sides if ramp is longer than 6 ft		NA
Handrails at 34" and 19" from ramp surface		NA
Handrails extend 12" beyond top and bottom		NA
Handgrip oval or round		NA
Handgrip smooth surface		NA
Handgrip diameter between 1 1/4" and 2"		NA
Clearance of 1 1/2" between wall and wall rail		NA
Non-slip surface		NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		NA

LOCATION

ROLLING MEADOWS

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous common surface, no changes in level greater than 1/2 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION

ROLLING MEADOWS

STAIRS AND DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/2" and 1 3/4"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION

ROLLING MEADOWS

RESTROOMS – also see Doors and Vestibules – NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: NOT APPLICABLE

LOCATION

ROLLING MEADOWS

FLOORS, DRINKING FOUNTAINS, TELEPHONES NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/8" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: NOT APPLICABLE

LOCATION

ROLLING MEADOWS

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA

Facility Inventory

LOCATION: STEELE FARM / COMMUNITY GARDENS

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Have 2 benches	Located adjacent to accessible paths YES
	Tables & Benches	Access to Open Spaces YES
	Will have 2 tables	Back and Arm Rests NO
		Adequate number NO
	Grills	Height of Cooking Surface NA
	Trash Cans	Located adjacent to accessible paths NA
	Picnic Shelters	Located adjacent to accessible paths YES
Trails		Located near accessible water fountains, trash can, restroom, parking, etc. NA
		Surface material Natural, wood chips, gravel
		Dimensions 21 - 81" wide Boardwalks
		Rails NO
Swimming Facilities		Signage (for visually impaired) NO
	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
Play Areas (tot lots)		Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Game Areas: *ballfield *basketball *tennis	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
Boat Docks		Enough space between equipment for wheelchair
		Located adjacent to accessible paths
		Berm cuts onto courts
		Height
Fishing Facilities		Dimensions
		Spectator Seating
		Located adjacent to accessible paths
		Handrails
Programming		Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Services and Technical Assistance		Learn-to-Swim
		Guided Hikes
		Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

LOCATION **STEELE FARM**

PARKING			
Total Spaces	Yes	No	Comments/Transition Notes
Up to 25 ✓			1 space NO
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		✓	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		✓	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		✓	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		✓	
Sign with international symbol of accessibility at each space or pair of spaces		✓	
Sign minimum 5 ft, maximum 8 ft to top of sign		✓	
Surface evenly paved or hard-packed (no cracks)		✓	
Surface slope less than 1:20, 5%		✓	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		✓	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		✓	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12		✓	
Minimum width 4 ft between handrails		✓	
Handrails on both sides if ramp is longer than 6 ft		✓	
Handrails at 34" and 19" from ramp surface		✓	
Handrails extend 12" beyond top and bottom		✓	
Handgrip oval or round		✓	
Handgrip smooth surface		✓	
Handgrip diameter between 1 1/4" and 2"		✓	
Clearance of 1 1/2" between wall and wall rail		✓	
Non-slip surface		✓	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		✓	

LOCATION **STEELE FARM**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	✓		some
Disembarking area at accessible entrance	✓		
Surface evenly paved or hard-packed	✓		
No ponding of water	✓		
Path of Travel			
Path does not require the use of stairs	✓		
Path is stable, firm and slip resistant	✓		
3 ft wide minimum	✓		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		✓	
Continuous common surface, no changes in level greater than 1/2 inch		✓	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	✓		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	NA		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	NA		
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	NA	✓	
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than 1/2" thick are securely fastened			
Door mats more than 1/2" thick are recessed			
Grates in path of travel have openings of 1/4" maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			

NOTES

LOCATION STEELE FARM / COMMUNITY GARDENS

STAIRS and DOORS - NA

Specification	Yes	No	Comments/Transition Notes
Stairs <u>NA</u>			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors <u>NA</u>			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES

LOCATION STEELE FARM / COMMUNITY GARDENS

RESTROOMS - also see Doors and Vestibules

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES NA

LOCATION **STEELE FARM COMMUNITY GARDENS**

FLOORS, DRINKING FOUNTAINS, TELEPHONES

Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc. must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES **NA**

LOCATION **STEELE FARM COMMUNITY GARDENS**

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	SN ✓		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	SN ✓		
Top of table no higher than 32" above ground	✓		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	✓		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	NA		

Facility Inventory		LOCATION: WOLF SWAMP
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities NA	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
	Grills	Adequate number
		Height of Cooking Surface
		Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material: <u>Natural, wood chips, Boardwalks</u> Dimensions: <u>2'-3'</u> Rails: <u>NO</u> Signage (for visually impaired): <u>NO</u>
Swimming Facilities NA	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
		Location from accessible path into water
	Beaches	Handrails Location from accessible parking Shade provided
Play Areas (tot lots) NA	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis NA	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height Dimensions Spectator Seating
Boat Docks NA	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities NA	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming NA	Are special programs at your facilities accessible?	Learn-to-Swim Guided Hikes Interpretive Programs
Services and Technical Assistance NA	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION WOLF SWAMP			
PARKING			
Total Spaces	Required Accessible Spaces		
Up to 25	1 space	NO ACCESSIBLE SPACES	
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			NA
Minimum width 4 ft between handrails			NA
Handrails on both sides if ramp is longer than 6 ft			NA
Handrails at 34" and 19" from ramp surface			NA
Handrails extend 12" beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip diameter between 1 1/4" and 2"			NA
Clearance of 1 1/2" between wall and wall rail			NA
Non-slip surface			NA
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			NA

LOCATION **WOLF SWAMP**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50)		X	
Continuous, common surface, no changes in level greater than 1/2 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			NA
Level space extending 5 ft. from the door, interior and exterior of entrance doors			NA
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			NA
At least 18" clear floor area on latch, pull side of door			NA
Door handle no higher than 48" and operable with a closed fist			NA
Vestibule is 4 ft plus the width of the door swinging into the space			NA
Entrance(s) on a level that makes elevators accessible			NA
Door mats less than 1/2" thick are securely fastened			NA
Door mats more than 1/2" thick are recessed			NA
Grates in path of travel have openings of 1/2" maximum			NA
Signs at non-accessible entrance(s) indicate direction to accessible entrance			NA
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			NA

NOTES

LOCATION **WOLF SWAMP**

STAIRS and DOORS

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 1/4" and 1 1/2"			
1 1/2" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum 1/2" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES : NOT APPLICABLE

LOCATION WOLF SWAMP			
RESTROOMS – also see Doors and Vestibules – NA			
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/2" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: NOT APPLICABLE

LOCATION WOLF SWAMP			
FLOORS, DRINKING FOUNTAINS, TELEPHONES NA			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1 1/4" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: NOT APPLICABLE

LOCATION

WOLF SWAMP

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			NA
Lifting device			NA
Transfer area 18" above the path of travel and a minimum of 18" wide			NA
Unobstructed path of travel not less than 48" wide around pool			NA
Non-slip surface			NA

LOCATION
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			NA
Floors are pitched to drain the stall at the corner farthest from entrance			NA
Floors are non-slip surface			NA
Controls operate by a single lever with a pressure balance mixing valve			NA
Controls are located on the center wall adjacent to the hinged seat			NA
Shower heads attached to a flexible metal hose			NA
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			NA
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			NA
Soap trays without handhold features unless they can support 250 pounds			NA
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			NA
Grab bars are placed horizontally at 36" above the floor line			NA

LOCATION
PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA